Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

VE
7626R

ORM—CLASS VOLUME TABLES

for
PONDEROSA PINE
DOUGLAS-FIR
and WHITE FIR
in
CALIFORNIA

by

V. A. Clements, C. W. Stevens, and D. F. Roy

LIBRARY
RECEIVED
SEP 9 - 1959
U. S. DEPT. OF AGRICULTURE

ESEARCH NOTE Nº 60 APRIL, 1949

California Forest and Range Experiment Station
Stephen N. Wyckoff, Director

CONTENTS

Page

Introduction i

Definition of form class i

Distribution of form class in forest stands i

Description of tables ii

Application of tables iii

Application to other species vi

Volume tables for form classes 65 - 90 1

Table 27. Scribner log rule 119

Table 28. Bark thickness, top of first log 120

Table 29. Aggregate errors by localities 121

Figure 1. Form class - d.b.h. curves 122

Figure 2. Average utilized top diameter 122

Figures 3-5. Individual tree deviations 123

The California Forest and Range Experiment Station is maintained by the Forest Service, U. S. Department of Agriculture, Berkeley, Calif. in cooperation with the University of California.

ACKNOWLEDGMENT

The Authors wish to express their appreciation to Duncan Dunning and William E. Hallin of this Station. Their suggestions and helpful criticisms contributed materially to the development of these volume tables.

Special thanks are due the Division of State and Private Forestry, California Region of U. S. Forest Service, for assistance in the publication of these tables.

FORM-CLASS VOLUME TABLES FOR PONDEROSA PINE, DOUGLAS-FIR, AND WHITE FIR IN CALIFORNIA

Introduction

Presented in this Research Note are form-class tables for estimating the volume in board feet, Scribner Rule, of ponderosa pine, Douglas-fir, and white fir in California. This single series of tables fits all three species within acceptable limits of error. It is hoped that this series may satisfactorily replace the many existing tables for single species, both old growth and young growth, and for various sites.

The wider application of sales by tree estimates in the national forests of California raises the need for more accurate volume tables. Those now available are based on the two variables, d.b.h. (diameter breast high) and height. The limitations of such tables become especially critical in small sales of a few trees. For this purpose variation in estimates of individual trees must be reduced to a minimum.

A third variable, form class, to measure the shape of the tree has been included in the present tables to improve individual tree estimates. Such improvement unfortunately incurs increased difficulty in applying the tables. This difficulty arises from the need for accuracy in determining form class itself. Unless form class is carefully determined, its introduction accomplishes no improvement in volume estimates.

Definition of Form Class

Several form factors such as the "form quotient" and "form point" have been proposed by foresters over a long period. Possibly the best generalized expression of tree form was developed by C. E. Behre[1]. Like most of the other measures, however, it required determining stem diameter at, or above the mid-section of the bole -- an impracticable operation in large western timber. More than fifteen years ago James Girard,[2] in the course of work in the Forest Service, developed and tested the very convenient and useful form index adopted as the basis for these tables.

Girard's form class is defined as the percentage ratio between the d.i.b. (diameter inside bark) at the top of the first log and d.b.h.o.b. (outside bark). This concept of form-class has increased in popularity because of three important advantages: (a) the top of the first log is close enough to the observer to admit estimating or measuring the top diameter; (b) the reference diameters are near enough to the ground to give a measure of butt swell -- a serious problem with other indices; and (c) differences in bark thickness between species are taken into account and their effect on taper is partially eliminated.

Distribution of Form Class in Forest Stands

The distribution of form class in California forests is unknown. Such information is needed when attempts are made to localize volume tables by using the average form class of local stands. Factors possibly affecting average stand form class are the distributions of diameters, age classes, species, crown classes, group densities, and sites. Until the influence of these factors are better known, average form classes should be used with caution. For the present, differences related to diameter and species seem obvious enough to warrant special consideration.

---

[1] Behre, C. E. 1927. Form class taper curves and volume tables and their application. Jour. Agr. Res. 35:673-744

[2] Girard, James W. 1933. Volume tables for Mississippi bottomland hardwoods and southern pines. Jour. Forestry 31:34-41.

Figure 1 (page 122) illustrates the relation of form class to d.b.h. for the sample trees used in these tables. There is considerable difference in the shape and levels of the curves for the three species. The average form classes of the samples are, ponderosa pine 81, Douglas-fir 74, and white fir 75.

It should be remembered that the sample providing these curves does not represent complete stands but only the trees cut in logging. There is some evidence, however, that curves for complete stands may not differ greatly. Such evidence came from an area of 74 acres of high site quality sugar pine-fir old growth in the Stanislaus National Forest where cutting was heavy enough to include representatives of all trees in the stand. The form class-d.b.h. curves for this tract have essentially the same shape and placement as those from the volume table data.

Another point brought out for this Stanislaus stand is that form-class variation between Region 5 tree classes[3] may be adequately expressed by d.b.h. alone.

Description of Tables

An unusual feature of these tables is inclusion of tree volumes both to a fixed top diameter of 10-inches and to average utilized top, as well as volumes for each log in the tree. This combination has been found particularly useful by the Forest Service in California.

The taper curves on which the volumes are based were derived from 500 ponderosa pines. The trees range from 18 to 74 inches in diameter and from 3 to 13 logs in height. (The log diameters of one- and two-log trees are defined by form class and the 10-inch top.) Form class varied between 64 and 94. The sample trees covered a site range from I-175 to IV-100.[4] Taper curves were prepared graphically from the sample tree measurements.

The tree volumes were determined by adding the scale of logs of dimensions read from the taper tables. The log volume formula, $V = .79D^2 - 2D - 4$, which closely approximates the Scribner Rule, was used. Values were rounded off to the nearest 10 board feet. The results vary somewhat from the standard Scribner Decimal "C" rule, but the differences are unimportant.

A table for each form class from 65 to 90, inclusive, gives the volume by individual 16-foot logs with 0.3-foot trimming allowance, and stem volume between a 1.5-foot stump and 10-inch top. Separate columns show tree volumes to average utilized top and the numbers of logs utilized.

Utilized top averages are based on data collected by the California Region of the Forest Service in 1945, and are therefore representative of average practice in national forest timber sales. Small differences between species and sales were disregarded. The utilized top averages were read from the single curve for ponderosa pine, sugar pine, Douglas-fir, and white fir shown in Figure 2 (page 122).

---

[3] Dunning, Duncan. 1928. A tree classification for the selection forests of the Sierra Nevada. Jour. Agr. Res. 36:755-771.

[4] Dunning, Duncan. 1942. A site classification for the mixed-conifer selection forests of the Sierra Nevada. California Forest and Range Expt. Sta., Research Note No. 28. Berkeley, Calif.

It will be noted that, for some small-diameter, one-log trees in the lower form classes, the tables show utilized volumes but no volumes to the 10-inch top. This apparent anomaly occurs because average utilized top becomes less than 10 inches for trees less than 17 inches d.b.h., reaching a minimum of 8 inches for 12-inch trees. Such trees may have a full 16-foot log to utilized top but fail to meet the requirement of at least one 10-inch log. In these tables a tree is not merchantable unless it will produce at least one 16-foot log to either the 10-inch top or the utilized top.

Another point requires explanation: for the shorter trees in each form class, the utilized volumes exceed the fixed-top volumes even though utilized length is less than the number of logs to 10 inches. This results from the scaling procedure applied to the fractional top logs in the utilized length. Standard practice requires that logs more than 16 feet long be scaled as two logs. Since the Scribner Rule makes no allowance for taper, logs with rapid taper will scale appreciably higher as short logs than as 16-foot logs.

Aggregate differences between tabular and scaled volumes of the sample trees are low -- 0.46 percent for ponderosa pine, 1.27 percent for Douglas-fir, and 0.53 percent for white fir. Differences between individual tree volumes and the table values are also pleasingly small. The standard deviations of the differences for individual trees are:

Ponderosa pine	5.7 percent
Douglas-fir	5.3 percent
White fir	4.2 percent

These standard deviations correspond to average deviations of approximately 4.6, 4.2, and 3.4 percent respectively. These differences are unusually low and indicate close agreement between the tables and the sample trees.

Relatively low aggregate errors by localities are another indication that these tables adequately fit the basic data. The maximum locality error for all three species was 4.0 percent, for one group of 12 ponderosa pine trees. Aside from this group, ponderosa pine had a maximum error of 2.7 percent. Douglas-fir and white fir had maximum errors of 2.4 and 1.3 percent respectively. Table 29 (page 121) lists the aggregate errors by species and localities.

Figures 3, 4, and 5 (pages 123-5) show individual tree deviations plotted over d.b.h., log height, and form class. No important trends with any of these factors are evident.

Application of Tables

Accurate estimation of form class is the key to the success or failure of form-class volume tables. The diameter at breast height should be measured with a tape. The diameter at the top of the first log should be measured or estimated, outside bark, at 17.8 feet above average ground level (16.3-foot log plus 1.5-foot stump). This log diameter can then be reduced to inside-bark dimensions by deducting bark thickness appropriate to the d.b.h. as given in Table 28 (page 120). The ratio with d.b.h., or the form class, can then be computed.

Estimating Form Class

Although experienced individuals may become adept in the ocular estimation of tree form, very few develop the proficiency necessary to capitalize the advantages of form-class tables. In tree-estimate sales involving small numbers of trees, the form class must be determined within narrow limits to avoid serious errors. The volume change between form classes ranges from 2 to 3 percent, whereas the diameters involved may change only a few tenths of an inch. If the form factor of a tree or the average for a sample is missed by one class or more, the form-class table may be less reliable than the ordinary diameter-height table. Measuring the form diameter (d.i.b. at top of first log) is preferred to making ocular estimates but is not easily done.

As yet no simple, easily used instrument has been developed for measuring form class. Three devices have been tested thus far in California, but all of them gave biased results. Further attempts are being made to develop an instrument free from the faults of these devices. The best procedure now known involves estimating taper of the first log by using a plumb bob.

The following excerpt from the Manual of Instructions[5] for the Forest Survey in California describes this method.

> "To determine form diameter, estimate the taper outside bark from breast height to the 16.3' point and deduct this amount from d.b.h.
>
> The procedure is as follows:
>
> "(1) Use the Biltmore stick to locate the 16.3' point above stump height and a plumb-bob to estimate taper.
>
> "(2) On slopes the estimator should stand uphill from the tree at a distance which will bring his eye approximately on a level with a point midway between breast height and the upper point designating 16.3'. On level or gently sloping terrain the estimator should place himself at a distance of about ½ chain from the tree.
>
> "(3) Hold the plumb-bob string tangent to the circumference at one edge of the tree at the upper point. Observe where the string intersects the trunk at breast height and estimate the distance from this point to the edge of trunk outside bark. This measurement represents the taper on one side. Repeat the procedure for the opposite side of the trunk. Add the two taper measurements and deduct the total from d.b.h. The result is the diameter outside bark at the 16.3' point. If the taper is not regular for all sides of the tree, make two determinations at right angles to each other and average the results."

A very satisfactory portable plumb-bob can be made from a 3 or 4 ounce fishing sinker and line. We suggest the use of this method for estimating the form class of standing trees in the absence of an easier way. Leaning trees should be avoided in sampling for average form class. When form class of such a tree is desired, taper should be measured in the plane of inclination.

---

[5] Division of Forest Economics. 1947. Manual of Instructions, Inventory Phase, Forest Survey-California. California Forest and Range Expt. Sta., Berkeley, Calif.

A knowledge of bark thickness at the top of the first log is necessary in estimating tree form class. Table 28, (page 120) shows first-log bark thickness for the three species considered here. The figures are for average double bark thickness as related to d.b.h., both in inches and in percent of d.b.h. If the first log diameter outside bark is estimated in either inches or percent of d.b.h., the table provides corrections for determining form class.

Sampling for Form Class

The number of sample trees necessary for a useful species form-class average proves to be somewhat larger than expected. Assuming that the estimate of volume is desired within 2 or 3 percent of the true volume, the form-class average must be within one class of the true average, say 19 out of 20 times. To attain this standard of reliability in the volume estimate, 75 to 150 sample trees are necessary.

For small sales in valuable timber -- say, 150 trees or less -- the form class should be estimated for each tree. For larger sales or cruises, average form class may be determined for each species and diameter class from sample trees representative of the diameter range. For rough estimates, the mean diameters for the species can be determined from the tally; the average form classes for these diameters then may be read from Figure 1; and the appropriate form-class tables may be selected for computing the cruise. Using general species form-class averages for the cruise is justified only when sampling has revealed no trend of form class with diameter.

Importance of Utilization Standards

In addition to accurate determination of form class, the utilization standards of the tables must be strictly observed, and care must be taken to enter the tables with the proper height class, in full logs to the 10-inch top. Fractional heights of 0.5 log or less are thrown to the next lower log class; those 0.6 or larger to the log class above. As an example, a tree 8.5 logs to 10 inches is considered an 8-log tree, whereas one of 8.6 logs is classified as a 9-log tree. This reference height classification applies to both the fixed-top volume and the utilized volume.

The fixed-top height classification was [illegible] discussion with experienced cruisers. Three important advantages are ascribed to the constant diameter reference point:

1. It is easier to locate a fixed top diameter than diameters varying with d.b.h. and form class.

2. Tables based on a fixed top can be easily adjusted to other standards of utilization, by interpolating between logs, or by dropping logs.

3. The volumes to the 10-inch fixed top closely approximate volumes utilized on recent national forest sales.

Serious errors in cruising often result from improper height classification. The majority of complaints about volume tables are traceable to failures to classify trees in the field by the method used in making the table. Errors of this nature may be as much as 15 percent or more. This type of error is serious because a false rate of taper is assigned to the tree by the improper height.

For small sales of a few trees or small cruising jobs, the height of each tree should be recorded. For large sales or large cruises height-d.b.h. curves for each species can be used by measuring heights of sample trees representing the diameter distribution. These may be the same trees measured for the form-class curves.

Localizing the Tables

To correct the tables for local differences in top utilization the average number of logs utilized should be determined according to d.b.h. and height classes to 10-inch top from plotted curves. By subtracting volumes for full logs or parts of logs, obtained by interpolation, a new table of utilized volumes can be prepared to suit the local situation. Such adjustments should be derived from the 10-inch-top volumes. The utilized volumes take into account fractions of logs and, owing to the scaling procedure, are not easy to change to new standards.

In general, adjusting volume tables for local use should be direc toward adapting them to logging operations with special utilization standards, to special cruises, or to sales where marking rules result in a population of trees concentrated in portions of the size range. The increasing tendency to prepare special tables for geographic localities is likely to prove unprofitable unless a sound sample of local data indicate a real need for special tables. What constitutes an adequate sample for a locality is still unknown. However from indications of the variability of form class shown by the data used in these volume tables, a minimum of 100 trees will be required for a single-species form class over d.b.h. curve.

It will be noted that taper tables in the conventional form have been omitted. Log diameters in inches can be derived readily from the log volumes by reference to the Scribner Rule reproduced here as Table 27 (page 119).

Application to Other Species

When these tables were begun it was hoped that they might be made applicable to all commercial trees in the California pine region. This did not prove feasible, however. When the tables were tested against other species than ponderosa pine, Douglas-fir, and white fir, larger aggregate errors appeared, as well as definite trends of deviations with d.b.h., height, and form class. Although the aggregate errors were relatively small -- 2 or 3 percent -- the fact that the deviations are correlated with d.b.h., height, and form class, makes the tables unsuitable. Another series of tables is being prepared for sugar pine and red fir.

FORM-CLASS VOLUME TABLES

Form Classes 65 to 90

Prepared from form class taper tables.

Volume by Scribner Rule (tens).

Height classification: Number of 16.3-foot logs to 10-inch top d.i.b.

Stump height: 1.5 feet

Aggregate deviations:

Ponderosa pine	(500 trees):	Table 0.46 percent high
Douglas-fir	(383 trees):	Table 1.27 percent high
White fir	(331 trees):	Table 0.53 percent low

Standard deviation of individual tree deviations:

Ponderosa pine:	5.7 percent
Douglas-fir:	5.3 percent
White fir:	4.2 percent

FORM CLAS
65

Table 1--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utili leng 16 f logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	3	1.0
14 - 1	0													0	6	1.1
16 - 1	6													6	10	1.7
2	6	6												12	14	2.5
18 - 1	8													8	11	1.4
2	8	6												14	13	1.[illegible]
3	8	7	6											21	20	2.8
20 - 1	10													10	14	1.4
2	10	6												16	16	1.8
3	10	8	6											24	23	2.6
4	10	9	8	6										33	30	3.5
5	10	10	9	7	6									42	39	4.4
22 - 1	13													13	16	1.4
2	13	6												19	20	1.7
3	13	10	6											29	27	2.5
4	13	11	9	6										39	36	3.3
5	13	12	10	8	6									49	46	4.2
6	13	12	11	10	8	6								60	54	5.0
24 - 2	16	6												22	23	1.7
3	16	11	6											33	32	2.5
4	16	13	10	6										45	42	3.3
5	16	14	12	9	6									57	52	4.2
6	16	14	13	11	8	6								68	62	5.0
7	16	15	14	12	10	8	6							81	74	5.8
26 - 2	19	6												25	25	1.7
3	19	13	6											38	37	2.5
4	19	16	11	6										52	49	3.3
5	19	17	14	10	6									66	62	4.1
6	19	17	15	12	9	6								78	72	5.0
7	19	17	16	14	12	9	6							93	84	5.8
8	19	18	16	15	13	11	8	6						106	98	6.6
28 - 2	22	6												28	29	1.7
3	22	15	6											43	43	2.5
4	22	18	12	6										58	55	3.3
5	22	19	16	11	6									74	70	4.1
6	22	20	17	14	10	6								89	83	4.9
7	22	20	18	16	13	9	6							104	97	5.8
8	22	20	19	17	15	12	9	6						120	112	6.6
30 - 2	26	6												32	33	1.7
3	26	16	6											48	48	2.5
4	26	20	14	6										66	63	3.3
5	26	22	18	12	6									84	81	4.1
6	26	23	20	16	11	6								102	96	5.0
7	26	23	21	18	14	10	6							118	111	5.8
8	26	24	22	19	17	13	10	6						137	128	6.6
32 - 2	30	6												36	38	1.7
3	30	18	6											54	55	2.5
4	30	23	15	6										74	71	3.3
5	30	25	20	13	6									94	91	4.1
6	30	26	22	18	12	6								114	108	4.9
7	30	27	24	20	16	11	6							134	125	5.8
8	30	27	25	22	18	15	10	6						153	145	6.6
9	30	28	25	23	20	17	14	10	6					173	161	7.4
34 - 2	34	6												40	43	1.7
3	34	20	6											60	62	2.5
4	34	26	16	6										82	81	3.3
5	34	28	22	14	6									104	101	4.1
6	34	30	25	19	12	6								126	120	5.0
7	34	30	27	22	17	12	6							148	140	5.8
8	34	31	28	24	20	16	11	6						170	161	6.6
9	34	31	29	26	23	19	15	10	6					193	184	7.4

FORM CLASS
65

Table 1--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
36 - 2	38	6												44	47	1.7
3	38	23	6											67	68	2.5
4	38	29	18	6										91	90	3.3
5	38	32	24	15	6									115	113	4.1
6	38	33	28	21	13	6								139	133	5.0
7	38	34	30	25	19	12	6							164	156	5.8
8	38	35	31	28	23	17	11	6						189	181	6.6
9	38	35	32	29	25	21	16	11	6					213	202	7.4
10	38	35	33	30	27	23	19	15	10	6				236	224	8.2
38 - 3	43	25	6											74	76	2.5
4	43	33	19	6										101	100	3.3
5	43	36	27	16	6									128	126	4.1
6	43	38	31	23	14	6								155	149	5.0
7	43	39	33	28	21	13	6							183	175	5.8
8	43	39	35	30	25	19	12	6						209	200	6.6
9	43	40	36	32	28	23	17	11	6					236	227	7.4
10	43	40	37	34	30	26	21	16	11	6				264	251	8.3
40 - 3	48	27	6											81	85	2.5
4	48	36	21	6										111	111	3.3
5	48	40	30	17	6									141	140	4.1
6	48	42	34	25	15	6								170	164	5.0
7	48	43	37	30	23	14	6							201	193	5.8
8	48	43	39	33	28	20	13	6						230	221	6.6
9	48	44	40	36	31	25	18	12	6					260	251	7.4
10	48	44	41	38	33	28	23	17	11	6				289	277	8.3
42 - 3	53	30	6											89	92	2.5
4	53	40	22	6										121	121	3.3
5	53	44	32	18	6									153	152	4.1
6	53	46	38	28	16	6								187	181	5.0
7	53	47	41	33	24	15	6							219	210	5.8
8	53	48	43	37	30	22	13	6						252	243	6.6
9	53	49	44	39	34	27	20	12	6					284	274	7.4
10	53	49	45	41	36	31	25	18	12	6				316	303	8.3
44 - 4	58	44	24	6										132	133	3.3
5	58	48	35	20	6									167	166	4.1
6	58	51	41	30	17	6								203	197	5.0
7	58	52	44	36	26	16	6							238	229	5.8
8	58	53	47	40	32	23	14	6						273	266	6.6
9	58	53	49	43	37	29	21	13	6					309	299	7.4
10	58	54	50	45	40	34	27	20	12	6				346	333	8.3
46 - 4	64	48	26	6										144	146	3.3
5	64	53	38	21	6									182	181	4.1
6	64	55	45	32	18	6								220	214	5.0
7	64	57	49	39	28	16	6							259	251	5.8
8	64	58	51	44	35	25	15	6						298	289	6.6
9	64	58	53	47	40	31	23	14	6					336	326	7.5
10	64	59	55	49	44	37	29	21	13	6				377	364	8.3
48 - 4	70	52	28	6										156	157	3.3
5	70	57	41	23	6									197	196	4.1
6	70	60	49	35	19	6								239	233	5.0
7	70	62	53	43	30	17	6							281	273	5.8
8	70	63	56	48	38	27	16	6						324	315	6.6
9	70	64	58	51	43	34	24	14	6					364	355	7.4
10	70	65	59	53	47	40	31	23	14	6				408	393	8.3
50 - 4	77	56	30	6										169	171	3.3
5	77	62	45	24	6									214	214	4.1
6	77	66	53	38	20	6								260	254	5.0
7	77	67	57	46	33	18	6							304	295	5.8
8	77	69	61	51	41	29	16	6						350	341	6.6
9	77	70	63	55	47	36	26	15	6					395	386	7.4
10	77	70	65	58	51	43	34	24	14	6				442	428	8.3

Table 1--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
52 - 5	83	67	48	25	6									229	230	4.1
6	83	71	57	40	22	6								279	273	5.0
7	83	73	62	49	35	19	6							327	318	5.8
8	83	75	66	55	44	30	17	6						376	368	6.6
9	83	76	68	59	50	39	28	16	6					425	415	7.4
10	83	77	70	63	55	46	36	25	15	6				476	462	8.3
54 - 5	90	73	51	27	6									247	249	4.1
6	90	[illegible]	61	43	23	6								300	294	5.0
7	90	79	66	53	37	20	6							351	342	5.8
8	90	80	71	60	47	32	18	6						404	395	6.6
9	90	82	73	64	54	42	29	16	6					456	446	7.5
10	90	82	76	67	59	49	39	27	16	6				511	495	8.3
56 - 5	97	78	55	28	6									264	266	4.2
6	97	82	66	46	24	6								321	315	5.0
7	97	85	72	57	40	21	6							378	369	5.8
8	97	87	76	64	51	35	19	6						435	425	6.6
9	97	88	79	69	58	45	31	17	6					490	480	7.5
10	97	89	81	73	63	53	41	28	16	6				547	533	8.3
58 - 5	104	84	59	30	6									283	285	4.1
6	104	88	70	49	25	6								342	336	5.0
7	104	92	77	61	42	22	6							404	395	5.8
8	104	93	82	68	54	37	19	6						463	454	6.6
9	104	94	85	74	62	48	32	18	6					523	513	7.5
10	104	95	87	78	68	56	43	30	17	6				584	569	8.3
60 - 6	112	95	75	52	27	6								367	361	5.0
7	112	98	82	65	45	23	6							431	423	5.8
8	112	100	87	73	57	39	20	6						494	485	6.6
9	112	101	90	79	66	51	34	19	6					558	548	7.4
10	112	103	93	83	73	60	46	31	18	6				625	610	8.3
62 - 6	120	102	80	55	28	6								391	385	5.0
7	120	105	88	69	47	24	6							459	451	5.8
8	120	107	93	78	61	41	21	6						527	519	6.6
9	120	108	97	84	70	53	36	19	6					593	580	7.4
10	120	110	100	89	77	64	49	33	18	6				666	651	8.3
64 - 6	128	108	85	58	29	6								414	408	5.0
7	128	112	93	73	50	25	6							487	478	5.8
8	128	114	99	82	64	43	22	6						558	549	6.5
9	128	116	103	89	75	57	38	20	6					632	622	7.4
10	128	117	106	95	82	67	51	35	19	6				706	691	8.3
66 - 6	136	115	90	62	31	6								440	434	5.0
7	136	119	99	78	53	27	6							518	508	5.8
8	136	121	106	88	68	46	23	6						594	585	6.6
9	136	123	110	95	79	60	40	21	6					670	657	7.4
10	136	125	113	100	87	72	54	37	19	6				749	734	8.3
68 - 6	145	122	95	66	32	6								466	460	5.0
7	145	126	105	82	55	28	6							547	538	5.8
8	145	129	112	93	72	48	24	6						629	621	6.6
9	145	131	117	101	84	63	42	22	6					711	698	7.4
10	145	132	120	107	92	76	57	39	20	6				794	778	8.3
70 - 6	154	129	101	69	33	6								492	486	5.0
7	154	134	112	87	58	29	6							580	571	5.8
8	154	136	119	99	76	50	25	6						665	657	6.6
9	154	138	124	107	88	66	44	23	6					750	736	7.4
10	154	140	127	113	98	80	60	40	21	6				839	824	8.3

FORM CLASS
66

Table 2--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	3	1.0
14 - 1	0													0	6	1.2
16 - 1	6													6	10	1.6
2	6	6												12	14	2.5
18 - 1	8													8	12	1.4
2	8	6												14	13	1.9
3	8	7	6											21	20	2.8
20 - 1	11													11	14	1.4
2	11	6												17	16	1.8
3	11	9	6											26	24	2.6
4	11	10	8	6										35	32	3.5
5	11	10	9	8	6									44	40	4.4
22 - 1	13													13	17	1.4
2	13	6												19	20	1.7
3	13	10	6											29	27	2.5
4	13	12	9	6										40	37	3.4
5	13	12	10	8	6									49	46	4.2
6	13	12	11	10	8	6								60	55	5.1
24 - 2	16	6												22	23	1.7
3	16	12	6											34	32	2.5
4	16	14	10	6										46	43	3.3
5	16	14	12	9	6									57	52	4.2
6	16	15	13	11	9	6								70	64	5.0
7	16	15	14	12	10	8	6							81	74	5.9
26 - 2	19	6												25	27	1.7
3	19	13	6											38	37	2.5
4	19	16	11	6										52	50	3.3
5	19	17	14	10	6									66	62	4.2
6	19	18	16	13	9	6								81	75	5.0
7	19	18	16	14	12	9	6							94	87	5.8
8	19	18	17	15	13	11	8	6						107	99	6.7
28 - 2	23	6												29	30	1.7
3	23	15	6											44	44	2.5
4	23	18	12	6										59	56	3.3
5	23	20	16	11	6									76	72	4.2
6	23	20	18	14	10	6								91	85	5.0
7	23	21	19	16	13	10	6							108	100	5.8
8	23	21	19	18	15	12	9	6						123	115	6.6
30 - 2	27	6												33	36	1.7
3	27	17	6											50	50	2.5
4	27	21	14	6										68	67	3.3
5	27	23	18	12	6									86	83	4.2
6	27	24	20	16	11	6								104	98	5.0
7	27	24	22	18	15	10	6							122	116	5.8
8	27	24	22	20	17	14	10	6						140	130	6.6
32 - 2	30	6												36	39	1.7
3	30	19	6											55	56	2.5
4	30	24	15	6										75	73	3.3
5	30	26	20	13	6									95	92	4.1
6	30	27	23	18	12	6								116	110	5.0
7	30	28	24	20	16	11	6							135	127	5.8
8	30	28	25	22	19	15	10	6						155	147	6.6
9	30	28	26	24	21	18	14	10	6					177	167	7.5
34 - 2	35	6												41	45	1.7
3	35	21	6											62	64	2.5
4	35	27	17	6										85	83	3.3
5	35	29	23	14	6									107	104	4.2
6	35	30	26	20	13	6								130	124	5.0
7	35	31	28	23	18	12	6							153	146	5.8
8	35	32	29	25	21	16	11	6						175	167	6.6
9	35	32	30	27	23	19	15	10	6					197	188	7.5

Table 2--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
36 - 2	40	6												46	48	1.7
3	40	23	6											69	71	2.5
4	40	30	18	6										94	93	3.3
5	40	33	25	16	6									120	117	4.2
6	40	35	29	22	14	6								146	140	5.0
7	40	35	31	26	19	12	6							169	162	5.8
8	40	36	32	28	23	18	12	6						195	185	6.6
9	40	36	33	30	26	21	16	11	6					219	209	7.5
10	40	37	34	31	28	24	20	15	10	6				245	234	8.3
38 - 3	44	25	6											75	78	2.5
4	44	34	19	6										103	105	3.3
5	44	37	28	17	6									132	129	4.2
6	44	39	32	24	15	6								160	154	5.0
7	44	40	34	28	21	13	6							186	180	5.8
8	44	40	36	31	26	19	12	6						214	205	6.6
9	44	41	37	33	29	23	18	12	6					243	232	7.5
10	44	41	38	35	31	27	22	16	11	6				271	260	8.3
40 - 3	49	28	6											83	87	2.5
4	49	37	21	6										113	115	3.3
5	49	41	30	18	6									144	142	4.2
6	49	43	35	26	16	6								175	169	5.0
7	49	44	38	31	23	14	6							205	199	5.8
8	49	45	40	34	28	21	13	6						236	227	6.7
9	49	46	41	37	32	25	19	12	6					267	257	7.5
10	49	46	42	39	34	29	24	18	12	6				299	287	8.3
42 - 3	55	30	6											91	95	2.5
4	55	41	23	6										125	127	3.3
5	55	45	33	19	6									158	156	4.2
6	55	48	39	28	17	6								193	187	5.0
7	55	49	42	34	25	15	6							226	219	5.8
8	55	49	44	38	31	22	14	6						259	249	6.6
9	55	50	46	40	35	28	20	13	6					293	283	7.5
10	55	51	47	42	38	32	26	19	12	6				328	316	8.3
44 - 4	60	45	24	6										135	138	3.3
5	60	49	36	20	6									171	170	4.2
6	60	52	42	31	18	6								209	203	5.0
7	60	53	46	37	27	16	6							245	238	5.8
8	60	54	48	41	33	24	14	6						280	271	6.6
9	60	55	50	44	38	30	22	13	6					318	308	7.5
10	60	55	51	46	41	35	28	20	13	6				355	344	8.3
46 - 4	66	49	27	6										148	151	3.3
5	66	54	39	22	6									187	186	4.2
6	66	57	46	33	19	6								227	221	5.0
7	66	59	50	41	29	17	6							268	261	5.8
8	66	60	53	45	36	26	15	6						307	298	6.7
9	66	61	55	49	41	32	23	14	6					347	337	7.5
10	66	62	56	51	45	38	30	22	13	6				389	378	8.4
48 - 4	73	53	28	6										160	164	3.3
5	73	59	43	23	6									204	204	4.2
6	73	62	50	36	20	6								247	241	5.0
7	73	64	55	44	31	18	6							291	284	5.8
8	73	65	58	49	39	28	16	6						334	324	6.6
9	73	66	60	53	45	35	25	15	6					378	368	7.5
10	73	67	61	55	49	41	32	23	14	6				421	409	8.3
50 - 4	79	58	30	6										173	178	3.3
5	79	64	46	24	6									219	219	4.2
6	79	67	54	39	21	6								266	260	5.0
7	79	70	59	47	33	19	6							313	306	5.8
8	79	71	62	53	42	30	17	6						360	350	6.6
9	79	72	65	57	48	38	27	16	6					408	397	7.5
10	79	73	66	60	53	44	34	24	14	6				453	442	8.3

FORM CLASS 66

Table 2--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
52 - 5	86	69	49	26	6									236	237	4.2
6	86	73	58	41	22	6								286	280	5.0
7	86	76	64	51	36	19	6							338	332	5.8
8	86	77	67	57	45	31	17	6						386	378	6.6
9	86	78	70	61	52	40	28	16	6					437	427	7.5
10	86	78	72	65	57	47	37	26	15	6				489	478	8.3
54 - 5	93	75	53	28	6									255	256	4.2
6	93	79	63	44	23	6								308	302	5.0
7	93	81	68	54	38	20	6							360	354	5.8
8	93	83	73	61	49	33	18	6						416	407	6.6
9	93	84	76	66	55	43	30	17	6					470	459	7.5
10	93	85	78	69	61	51	39	28	16	6				526	513	8.3
56 - 5	100	80	57	29	6									272	274	4.2
6	100	85	67	48	25	6								331	325	5.0
7	100	88	74	58	41	22	6							389	382	5.8
8	100	90	78	66	52	35	19	6						446	437	6.7
9	100	91	82	71	60	46	31	18	6					505	495	7.5
10	100	92	84	75	66	54	42	29	16	6				564	552	8.4
58 - 5	108	86	61	31	6									292	294	4.2
6	108	92	72	51	26	6								355	349	5.0
7	108	94	79	62	43	23	6							415	408	5.8
8	108	96	84	71	55	38	20	6						478	468	6.6
9	108	98	87	76	64	49	33	18	6					539	529	7.5
10	108	99	90	80	70	58	45	31	17	6				604	593	8.3
60 - 6	116	98	77	54	27	6								378	372	5.0
7	116	101	85	66	46	24	6							444	438	5.8
8	116	103	90	75	59	40	21	6						510	500	6.6
9	116	104	94	81	68	52	35	19	6					575	565	7.5
10	116	106	96	86	75	62	48	32	18	6				645	633	8.3
62 - 6	124	104	82	57	29	6								402	396	5.0
7	124	108	90	71	49	25	6							473	463	5.8
8	124	110	96	80	62	42	22	6						542	533	6.6
9	124	112	100	87	72	55	37	20	6					613	603	7.5
10	124	113	103	92	80	65	50	34	18	6				685	670	8.3
11	124	114	105	95	85	73	60	46	31	17	6			756	739	9.1
64 - 6	132	112	87	60	30	6								427	421	5.0
7	132	115	96	75	51	26	6							501	495	5.8
8	132	117	102	85	66	44	23	6						575	565	6.6
9	132	119	106	92	77	58	39	20	6					649	639	7.5
10	132	120	110	98	85	70	53	36	19	6				729	717	8.3
11	132	122	112	101	90	78	64	48	32	18	6			803	786	9.2
66 - 6	141	119	93	64	31	6								454	448	5.0
7	141	123	103	80	54	27	6							534	528	5.8
8	141	126	109	90	70	47	24	6						613	604	6.6
9	141	127	113	98	82	62	41	22	6					692	682	7.5
10	141	129	117	104	90	74	56	38	20	6				775	763	8.3
11	141	130	119	108	96	82	67	51	34	18	6			852	835	9.1
68 - 6	150	126	99	67	33	6								481	475	5.0
7	150	131	108	84	57	28	6							564	555	5.8
8	150	133	116	96	74	49	24	6						648	640	6.6
9	150	135	120	104	86	65	43	22	6					731	721	7.5
10	150	136	124	110	95	78	59	40	20	6				818	802	8.3
11	150	138	127	114	102	87	71	53	35	19	6			902	884	9.1
70 - 6	159	134	104	71	34	6								508	502	5.0
7	159	138	115	89	60	30	6							597	591	5.8
8	159	141	122	102	78	51	25	6						684	676	6.6
9	159	143	127	110	91	68	45	23	6					772	762	7.5
10	159	145	131	117	100	82	62	41	21	6				864	849	8.3
11	159	146	134	121	107	93	75	56	37	20	6			954	936	9.1
72 - 6	168	141	110	75	36	6								536	530	5.0
7	168	146	121	94	63	31	6							629	619	5.8
8	168	149	129	107	82	54	27	6						722	712	6.6
9	168	151	134	116	96	72	48	24	6					815	804	7.4
10	168	153	139	123	106	86	65	43	22	6				911	895	8.3
11	168	155	142	128	113	98	79	59	39	20	6			1007	989	9.1

Table 3--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utiliz lengt 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	3	1.
14 - 1	0													0	6	1.
16 - 1	7													7	10	1.
2	7	6												13	14	2.
18 - 1	9													9	12	1.
2	9	6												15	14	1.9
3	9	8	6											23	22	2.
20 - 1	11													11	14	1.
2	11	6												17	17	1.5
3	11	9	6											26	24	2.7
4	11	10	8	6										35	32	3.5
5	11	10	9	8	6									44	40	4.
22 - 1	14													14	18	1.4
2	14	6												20	20	1.7
3	14	10	6											30	28	2.6
4	14	12	9	6										41	38	3.4
5	14	12	11	8	6									51	48	4.3
6	14	13	12	10	8	6								63	59	5.1
24 - 2	17	6												23	23	1.7
3	17	12	6											35	33	2.5
4	17	14	10	6										47	44	3.4
5	17	15	12	9	6									59	56	4.2
6	17	16	14	12	9	6								74	69	5.1
7	17	16	14	13	11	8	6							85	79	5.9
26 - 2	20	6												26	27	1.7
3	20	14	6											40	39	2.5
4	20	16	12	6										54	52	3.4
5	20	18	14	10	6									68	65	4.2
6	20	18	16	13	10	6								83	77	5.0
7	20	18	17	15	12	9	6							97	90	5.9
8	20	19	17	16	14	11	8	6						111	104	6.7
28 - 2	24	6												30	31	1.7
3	24	16	6											46	45	2.5
4	24	19	13	6										62	60	3.3
5	24	20	16	11	6									77	73	4.2
6	24	21	18	15	10	6								94	88	5.0
7	24	22	19	17	14	10	6							112	105	5.9
8	24	22	20	18	16	12	9	6						127	120	6.7
30 - 2	28	6												34	37	1.7
3	28	17	6											51	51	2.5
4	28	22	14	6										70	69	3.3
5	28	23	18	12	6									87	84	4.2
6	28	24	21	17	11	6								107	101	5.0
7	28	25	22	19	15	10	6							125	119	5.9
8	28	25	23	20	18	14	10	6						144	136	6.7
32 - 2	31	6												37	40	1.7
3	31	19	6											56	57	2.5
4	31	24	16	6										77	75	3.3
5	31	27	21	13	6									98	95	4.2
6	31	28	23	18	12	6								118	112	5.0
7	31	28	25	21	17	11	6							139	132	5.8
8	31	29	26	23	19	15	10	6						159	151	6.7
9	31	29	27	24	22	18	14	10	6					181	171	7.5
34 - 2	36	6												42	46	1.7
3	36	22	6											64	65	2.5
4	36	28	17	6										87	87	3.3
5	36	30	23	15	6									110	106	4.2
6	36	32	27	20	13	6								134	128	5.0
7	36	32	28	24	18	12	6							156	149	5.9
8	36	33	30	26	22	17	11	6						181	173	6.7
9	36	33	30	28	24	20	15	10	6					202	193	7.5

Table 3--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
36 - 3	41	24	6											71	73	2.5
4	41	31	18	6										96	97	3.3
5	41	34	26	16	6									123	120	4.2
6	41	35	30	22	14	6								148	142	5.0
7	41	36	32	26	20	13	6							174	167	5.8
8	41	37	33	29	24	18	12	6						200	190	6.7
9	41	38	34	31	27	22	17	11	6					227	217	7.5
10	41	38	35	32	29	25	20	16	11	6				253	242	8.4
38 - 3	46	26	6											78	81	2.5
4	46	35	20	6										107	108	3.3
5	46	38	28	17	6									135	132	4.2
6	46	40	33	24	15	6								164	158	5.0
7	46	41	35	29	22	14	6							193	186	5.9
8	46	42	37	32	27	20	12	6						222	213	6.7
9	46	42	39	34	30	24	18	12	6					251	241	7.5
10	46	43	39	36	32	28	22	17	11	6				280	269	8.4
40 - 3	51	29	6											86	89	2.5
4	51	38	22	6										117	119	3.3
5	51	42	31	18	6									148	146	4.2
6	51	44	36	27	16	6								180	174	5.0
7	51	46	39	32	24	14	6							212	206	5.9
8	51	46	41	35	29	21	13	6						242	235	6.7
9	51	47	43	38	32	26	19	12	6					274	265	7.5
10	51	48	44	40	35	30	24	18	12	6				308	297	8.4
42 - 3	56	31	6											93	97	2.5
4	56	42	23	6										127	129	3.3
5	56	46	34	19	6									161	160	4.2
6	56	49	40	29	17	6								197	191	5.0
7	56	50	43	35	26	15	6							231	224	5.8
8	56	51	45	39	31	23	14	6						265	255	6.7
9	56	51	47	41	36	28	21	13	6					299	288	7.5
10	56	52	48	44	39	33	26	19	12	6				335	324	8.4
44 - 4	62	46	25	6										139	142	3.3
5	62	51	37	21	6									177	176	4.2
6	62	54	44	32	18	6								216	210	5.0
7	62	55	48	38	28	16	6							253	246	5.9
8	62	56	50	43	34	24	15	6						290	283	6.7
9	62	57	52	46	39	31	22	14	6					329	318	7.5
10	62	58	53	48	43	36	29	21	13	6				369	357	8.4
46 - 4	68	50	27	6										151	155	3.3
5	68	56	40	22	6									192	191	4.2
6	68	59	48	34	19	6								234	228	5.0
7	68	61	51	41	30	17	6							274	267	5.9
8	68	62	54	46	37	26	15	6						314	307	6.7
9	68	62	56	50	42	33	24	14	6					355	345	7.5
10	68	63	58	52	46	39	30	22	14	6				398	386	8.4
48 - 4	75	55	29	6										165	169	3.3
5	75	61	44	24	6									210	209	4.2
6	75	64	52	37	20	6								254	248	5.0
7	75	66	56	45	32	18	6							298	291	5.9
8	75	67	59	51	40	28	16	6						342	335	6.7
9	75	68	62	54	46	36	25	15	6					387	377	7.5
10	75	69	63	57	50	42	33	23	14	6				432	421	8.4
50 - 4	82	59	31	6										178	183	3.3
5	82	66	47	25	6									226	226	4.2
6	82	70	56	40	22	6								276	270	5.0
7	82	72	61	49	34	19	6							323	316	5.8
8	82	73	64	54	43	30	17	6						369	360	6.7
9	82	74	66	58	49	39	27	16	6					417	406	7.5
10	82	75	68	62	54	45	35	25	15	6				467	455	8.4
52 - 5	88	71	51	27	6									243	243	4.2
6	88	75	60	43	23	6								295	289	5.0
7	88	78	66	52	37	20	6							347	340	5.8
8	88	79	69	58	46	32	18	6						396	387	6.7
9	88	80	72	63	53	41	29	16	6					448	438	7.5
10	88	81	74	66	58	49	38	27	15	6				502	490	8.4

FORM CLASS
67

Table 3--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
54 - 5	96	77	55	28	6									262	264	4.2
6	96	82	65	46	24	6								319	313	5.0
7	96	84	71	56	39	21	6							373	366	5.9
8	96	86	75	63	50	34	18	6						428	422	6.7
9	96	87	78	68	57	44	30	17	6					483	473	7.5
10	96	88	80	72	63	52	40	28	16	6				541	528	8.4
56 - 5	103	82	58	30	6									279	280	4.2
6	103	88	69	49	25	6								340	334	5.0
7	103	90	76	60	42	22	6							399	392	5.9
8	103	92	80	68	53	36	19	6						457	451	6.7
9	103	93	84	73	61	47	32	18	6					517	506	7.5
10	103	95	86	77	67	55	43	30	17	6				579	566	8.4
58 - 5	112	89	62	31	6									300	303	4.2
6	112	94	75	52	27	6								366	360	5.0
7	112	98	82	64	44	23	6							429	422	5.9
8	112	99	87	73	57	39	20	6						493	483	6.7
9	112	101	90	78	66	50	34	18	6					555	545	7.5
10	112	102	93	83	72	59	46	31	17	6				621	611	8.4
11	112	103	95	86	77	66	55	42	28	16	6			686	673	9.2
60 - 6	119	101	80	55	28	6								389	383	5.0
7	119	104	87	68	47	24	6							455	449	5.8
8	119	106	93	78	61	41	21	6						525	515	6.7
9	119	108	96	84	70	53	36	19	6					591	580	7.5
10	119	109	99	88	77	63	49	33	18	6				661	649	8.4
11	119	110	101	92	82	71	58	44	30	17	6			730	716	9.2
62 - 6	127	108	85	58	29	6								413	407	5.0
7	127	112	93	73	50	25	6							486	480	5.8
8	127	113	99	82	64	43	22	6						556	547	6.7
9	127	115	103	89	74	56	38	20	6					628	618	7.5
10	127	116	106	94	82	67	51	35	19	6				703	690	8.4
11	127	117	108	98	87	75	62	47	31	18	6			776	758	9.2
64 - 6	136	115	90	62	31	6								440	434	5.0
7	136	119	99	78	53	27	6							518	511	5.8
8	136	121	106	88	68	46	23	6						594	583	6.7
9	136	123	110	95	79	60	40	21	6					670	659	7.5
10	136	125	113	100	87	72	54	37	19	6				749	737	8.4
11	136	126	116	104	93	80	66	49	33	18	6			827	813	9.2
66 - 6	145	122	95	66	32	6								466	460	5.0
7	145	126	105	82	55	28	6							547	540	5.8
8	145	129	112	93	72	48	24	6						629	620	6.7
9	145	131	117	101	84	63	42	22	6					711	701	7.5
10	145	133	120	107	92	76	57	39	20	6				794	781	8.4
11	145	134	122	111	99	85	69	52	34	19	6			876	859	9.2
68 - 6	155	130	102	69	34	6								496	490	5.0
7	155	134	112	87	58	29	6							581	575	5.8
8	155	137	119	99	77	51	25	6						669	659	6.7
9	155	139	124	107	89	67	44	23	6					754	744	7.5
10	155	141	128	114	98	80	61	40	21	6				844	832	8.3
11	155	142	131	119	105	90	74	55	36	19	6			931	913	9.2
12	155	144	132	122	110	97	82	67	50	33	18	6		1016	992	10.0
70 - 6	164	138	107	73	35	6								523	517	5.0
7	164	142	118	92	62	30	6							614	608	5.8
8	164	145	126	104	80	53	26	6						704	694	6.6
9	164	147	131	113	94	70	46	23	6					794	784	7.5
10	164	149	135	120	104	85	64	42	22	6				891	879	8.3
11	164	151	138	125	111	95	78	58	38	20	6			984	965	9.2
12	164	152	140	129	116	103	87	70	52	35	18	6		1072	1048	10.0
72 - 6	174	146	113	77	36	6								552	546	5.0
7	174	151	125	96	65	31	6							648	643	5.8
8	174	153	133	110	85	55	27	6						743	733	6.6
9	174	156	138	120	99	74	49	24	6					840	829	7.5
10	174	158	143	127	109	89	67	44	23	6				940	927	8.3
11	174	160	146	132	117	100	82	61	40	21	6			1039	1020	9.2
12	174	160	148	136	123	108	92	74	55	36	19	6		1131	1106	10.0

Table 3--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 6	184	154	120	81	38	6								583	577	5.0
7	184	164	132	100	65	34	6							685	679	5.8
8	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]	[illegible]	6						784	775	6.6
9	[illegible]	[illegible]	[illegible]	[illegible]	104	74	51	25	6					887	877	7.5
10	[illegible]	[illegible]	151	[illegible]	[illegible]	94	[illegible]	46	23	6				992	980	8.3
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86	64	41	22	6			1096	1077	9.2
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58	38	20	6		1196	1170	10.0

Table 4--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.1
14 - 1	0													0	6	1.4
16 - 1	7													7	10	1.6
2	7	6												13	14	2.4
18 - 1	9													9	12	1.5
2	9	6												15	14	1.9
3	9	8	6											23	22	2.9
4	9	8	7	6										30	29	3.5
20 - 1	12													12	15	1.4
2	12	6												18	17	1.8
3	12	9	6											27	25	2.7
4	12	10	8	6										36	34	3.6
5	12	11	9	8	6									46	43	4.5
22 - 1	14													14	19	1.4
2	14	6												20	21	1.7
3	14	11	6											31	30	2.6
4	14	12	9	6										41	40	3.4
5	14	13	11	9	6									53	49	4.3
6	14	13	12	10	8	6								63	59	5.2
7	14	14	12	11	10	8	6							75	69	6.1
24 - 2	17	6												23	23	1.7
3	17	12	6											35	33	2.6
4	17	14	10	6										47	45	3.4
5	17	15	13	10	6									61	57	4.2
6	17	16	14	12	9	6								74	69	5.1
7	17	16	15	13	11	8	6							86	80	6.0
26 - 2	21	6												27	28	1.7
3	21	14	6											41	40	2.5
4	21	17	12	6										56	54	3.4
5	21	18	15	10	6									70	68	4.2
6	21	19	16	13	10	6								85	81	5.1
7	21	19	17	15	12	9	6							99	92	5.9
8	21	19	18	16	14	12	9	6						115	106	6.8
28 - 2	24	6												30	32	1.7
3	24	16	6											46	46	2.5
4	24	19	13	6										62	60	3.4
5	24	21	17	12	6									80	76	4.2
6	24	22	19	15	11	6								97	91	5.0
7	24	22	20	17	14	10	6							113	106	5.9
8	24	23	20	18	16	13	9	6						129	122	6.7
30 - 2	28	6												34	37	1.7
3	28	18	6											52	52	2.5
4	28	22	14	6										70	69	3.4
5	28	24	19	12	6									89	87	4.2
6	28	25	21	17	11	6								108	102	5.1
7	28	26	23	19	15	11	6							128	121	5.9
8	28	26	24	21	18	14	10	6						147	140	6.7
32 - 2	33	6												39	41	1.7
3	33	20	6											59	60	2.5
4	33	25	16	6										80	79	3.4
5	33	28	22	14	6									103	100	4.2
6	33	29	24	19	12	6								123	117	5.0
7	33	30	26	22	17	11	6							145	138	5.9
8	33	30	27	24	20	16	11	6						167	158	6.7
9	33	30	28	25	22	18	14	10	6					186	178	7.6
34 - 2	37	6												43	46	1.7
3	37	22	6											65	67	2.5
4	37	29	17	6										89	89	3.4
5	37	31	24	15	6									113	111	4.2
6	37	33	27	21	13	6								137	131	5.0
7	37	33	29	24	19	12	6							160	153	5.9
8	37	34	30	27	22	17	11	6						184	176	6.7
9	37	34	31	28	25	20	16	11	6					208	199	7.6

Table 4--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
36 - 3	42	24	6											72	74	2.5
4	[illegible]	32	[illegible]	6										99	100	3.4
5	[illegible]	[illegible]	[illegible]	[illegible]	6									126	125	4.2
6	[illegible]	37	[illegible]	23	14	6								152	[illegible]	5.0
7	[illegible]	[illegible]	33	[illegible]	20	13	6							[illegible]	172	5.9
8	42	39	34	30	24	18	12	6						205	198	6.7
9	[illegible]	[illegible]	35	[illegible]	28	22	17	11	6					232	222	7.6
10	42	39	[illegible]	[illegible]	30	26	21	16	11	6				260	249	8.4
38 - 3	47	27	6											80	82	2.5
4	47	35	20	6										108	109	3.4
5	47	39	29	[illegible]	6									138	138	4.2
6	47	41	34	25	15	6								168	162	5.0
7	47	42	36	30	22	14	6							197	190	5.9
8	47	43	38	33	27	20	12	6						226	217	6.7
9	47	43	39	35	30	24	18	12	6					254	246	7.6
10	47	44	40	37	33	28	23	17	11	6				286	275	8.4
40 - 3	53	29	6											88	[illegible]	2.5
4	53	40	22	6										121	[illegible]	3.4
5	53	43	32	[illegible]	6									152	153	4.2
6	53	46	37	28	16	6								186	180	5.0
7	53	47	40	33	24	15	6							218	[illegible]	5.9
8	53	48	43	36	30	22	13	6						251	244	6.7
9	53	48	44	39	33	27	20	12	6					282	274	7.6
10	53	49	45	41	36	31	25	18	12	6				316	305	8.4
42 - 3	58	32	6											[illegible]	100	2.5
4	58	44	24	6										132	134	3.4
5	58	48	35	[illegible]	6									167	167	4.2
6	58	51	41	[illegible]	17	6								203	197	5.0
7	58	52	44	36	26	16	6							238	230	5.9
8	58	53	47	40	32	23	14	6						273	265	6.7
9	58	53	49	43	37	29	21	13	6					309	301	7.6
10	58	54	50	45	40	34	27	20	12	6				346	334	8.4
44 - 4	64	48	26	6										144	147	3.4
5	64	53	38	21	6									182	183	4.2
6	64	55	45	32	18	6								220	214	5.0
7	64	57	49	39	28	16	6							[illegible]	252	5.9
8	64	58	51	44	35	25	15	6						298	290	6.7
9	64	58	53	47	40	31	23	14	6					336	327	7.6
10	64	59	55	49	44	37	29	21	13	6				377	365	8.4
46 - 4	71	52	28	6										157	161	3.4
5	71	58	42	23	6									200	202	4.2
6	71	61	49	35	19	6								241	235	5.1
7	71	62	53	43	30	17	6							282	[illegible]	5.9
8	71	64	56	48	38	27	16	6						[illegible]	319	[illegible]
9	71	64	58	51	44	34	24	14	6					[illegible]	[illegible]	7.6
10	71	65	60	54	48	40	31	23	14	6				412	[illegible]	8.4
48 - 4	77	56	30	6										169	[illegible]	3.4
5	77	62	45	24	6									214	[illegible]	4.2
6	77	66	53	38	21	6								261	255	5.0
7	77	68	58	46	33	18	6							306	299	5.9
8	77	69	61	52	41	29	16	6						351	344	6.7
9	77	70	63	55	47	37	26	15	6					396	386	7.6
10	77	71	65	58	51	43	34	24	14	6				[illegible]	431	8.4
50 - 4	84	61	32	6										183	188	3.4
5	84	68	49	26	6									233	235	4.2
6	84	72	57	41	22	6								282	276	5.0
7	84	74	62	50	35	19	6							330	323	5.9
8	84	76	66	56	44	31	17	6						380	373	6.7
9	84	77	69	60	51	40	28	16	6					431	420	7.6
10	84	78	71	63	55	46	36	26	15	6				480	467	8.4

Table 4--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens) 1	2	3	4	5	6	7	8	9	10	11	12	13	Tree volume 10-inch top	Tree volume Utilized top	Utiliz lengt 16 f logs
52 - 5	92	74	52	27	6									251	255	4.
6	92	78	62	41	23	6								305	299	5.
7	92	80	68	54	38	20	6							358	351	[illegible]
8	92	82	72	61	48	33	19	6						412	404	[illegible]
9	92	83	75	65	55	43	30	17	6					466	454	[illegible]
10	92	84	77	69	60	50	39	27	16	6				520	507	[illegible]
54 - 5	[illegible]	79	56	29	6									269	272	[illegible]
6	99	84	65	47	24	6								326	321	[illegible]
7	99	87	73	58	40	22	6							385	377	[illegible]
8	99	88	77	65	51	35	19	6						440	433	[illegible]
9	99	89	80	70	59	46	31	17	6					497	489	[illegible]
10	99	90	82	74	64	53	41	29	16	6				554	541	[illegible]
11	99	92	84	77	68	60	49	38	26	15	6			614	600	9.
56 - 5	107	86	60	32	6									289	294	[illegible]
6	107	90	72	50	26	6								351	345	[illegible]
7	107	93	78	62	43	23	6							412	404	[illegible]
8	107	95	83	70	55	38	20	6						474	466	[illegible]
9	107	96	86	76	63	49	33	18	6					534	526	[illegible]
10	107	98	89	80	69	57	44	30	17	6				597	584	8.
11	107	99	91	82	74	64	53	40	28	16	6			660	645	9.
58 - 5	114	92	64	32	6									308	314	4.
6	114	97	77	53	27	6								374	368	5.
7	114	100	84	66	46	24	6							440	432	5.
8	114	102	89	75	58	40	21	6						505	497	6.
9	114	103	93	80	67	51	35	19	6					568	557	[illegible]
10	114	105	95	85	74	61	47	32	18	6				637	625	8.
11	114	106	97	88	78	68	56	43	29	16	6			701	687	9.
60 - 6	123	104	82	55	28	6								400	394	[illegible]
7	123	107	90	70	48	25	6							469	462	5.
8	123	110	95	80	62	42	22	6						540	533	6.
9	123	111	99	86	72	55	37	20	6					609	597	7.
10	123	113	102	91	79	65	50	34	18	6				681	668	[illegible]
11	123	114	104	94	84	73	60	46	30	17	6			751	738	9.
62 - 6	132	112	87	60	30	6								427	421	[illegible]
7	132	115	96	75	51	26	6							501	494	5.
8	132	117	102	85	66	44	23	6						575	568	6.
9	132	119	106	92	77	58	39	20	6					649	639	[illegible]
10	132	120	110	93	85	69	53	36	19	6				728	715	8.
11	132	122	112	101	90	78	64	48	32	17	6			803	789	9.
64 - 6	140	118	93	64	31	6								452	446	5.
7	140	122	102	80	54	27	6							531	524	5.
8	140	125	108	90	70	47	23	6						609	602	6.
9	140	127	113	98	81	62	41	21	6					689	678	7.
10	140	128	116	103	89	73	56	38	20	6				769	755	8.
11	140	129	119	107	95	82	67	51	34	18	6			848	834	9.
12	140	131	120	111	100	89	76	62	46	31	17	6		929	913	10.
66 - 6	150	126	[illegible]	67	33	6								481	475	5.
7	150	131	108	84	57	28	6							564	557	5.
8	150	133	116	96	74	49	24	6						648	642	6.
9	150	135	120	101	86	65	43	22	6					731	720	7.
10	150	136	124	110	95	78	59	40	20	6				818	805	8.4
11	150	138	127	114	102	87	71	53	35	19	6			902	888	9.
12	150	139	129	118	107	94	80	65	49	32	18	6		987	963	10.1
68 - 6	159	134	104	71	34	6								508	502	5.0
7	159	138	115	89	60	30	6							597	590	5.9
8	159	141	122	102	78	51	25	6						684	679	6.
9	159	143	127	110	91	68	45	23	6					772	761	7.
10	159	145	131	117	100	82	62	41	21	6				864	852	8.4
11	159	146	134	121	107	93	75	56	37	20	6			954	940	9.2
12	159	147	136	125	113	100	85	68	51	34	18	6		1042	1018	10.0

Table 4--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
70 - 6	164	144	110	75	36	6								538	532	5.0
7	164	146	122	94	63	31	6							631	624	5.8
8	164	150	130	107	82	54	27	6						725	714	6.7
9	164	152	135	117	96	72	48	24	6					819	807	7.5
10	164	154	140	124	107	87	66	43	22	6				918	905	8.4
11	164	156	142	129	114	98	80	59	39	20	6			1012	998	9.2
12	164	157	144	132	[illegible]	106	[illegible]	72	53	35	19	6		1102	1077	10.0
72 - 6	180	151	117	79	38	6								571	565	5.0
7	180	156	129	[illegible]	66	32	6							[illegible]	663	5.8
8	180	159	138	114	87	57	28	6						769	758	6.7
9	180	161	143	124	102	76	50	25	6					867	855	7.5
10	180	163	148	131	113	92	69	46	23	6				971	957	8.4
11	180	165	151	136	120	103	84	62	41	21	6			1064	1054	9.2
12	180	166	153	140	127	112	94	76	56	37	19	6		[illegible]	1141	10.0
74 - 6	189	158	123	83	39	6								[illegible]	542	5.0
7	189	164	134	105	70	33	6							[illegible]	[illegible]	5.8
8	189	168	145	120	92	60	[illegible]	6						[illegible]	[illegible]	6.7
9	189	170	151	130	107	80	[illegible]	26	6					911	900	7.5
10	189	172	156	138	119	96	72	48	24	6				[illegible]	[illegible]	8.4
11	189	174	159	143	127	109	88	65	42	22	6			[illegible]	[illegible]	9.2
12	189	175	162	148	133	117	99	80	59	39	20	6		[illegible]	[illegible]	10.0
76 - 6	200	168	130	87	41	6								632	626	5.0
7	200	174	143	110	73	35	6							741	735	5.8
8	200	177	153	126	96	62	[illegible]	6						850	840	6.7
9	200	180	160	[illegible]	[illegible]	84	[illegible]	[illegible]	6					962	950	7.5
10	200	182	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	6				1075	1063	8.4
11	200	184	168	151	134	[illegible]	[illegible]	[illegible]	[illegible]	23	6			1185	1170	9.2
12	200	186	171	156	141	124	[illegible]	[illegible]	[illegible]	40	21	6		1295	1268	10.0
13	200	186	174	160	146	132	114	96	77	57	37	19	6	1404	1377	10.9

FORM CLASS 69

Table 5--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12	0													0	5	1.1
14 - 1	5													5	7	1.5
16 - 1	7													7	11	1.6
2	7	6												13	14	2.3
18 - 1	9													9	13	1.5
2	9	6												15	14	1.9
3	9	8	6											23	22	2.9
4	9	8	7	6										30	29	3.8
20 - 1	12													12	15	1.4
2	12	6												18	17	1.8
3	12	9	6											27	26	2.7
4	12	10	8	6										36	35	3.6
5	12	11	10	8	6									47	44	4.5
22 - 1	15													15	19	1.4
2	15	6												21	21	1.8
3	15	11	6											32	31	2.6
4	15	13	10	6										44	42	3.5
5	15	13	11	9	6									54	51	4.3
6	15	14	12	11	8	6								66	63	5.2
7	15	14	13	12	10	8	6							78	73	6.1
24 - 2	18	6												24	24	1.7
3	18	12	6											36	36	2.6
4	18	15	11	6										50	47	3.4
5	18	16	13	10	6									63	59	4.3
6	18	16	14	12	9	6								75	70	5.2
7	18	17	15	13	11	9	6							89	83	6.0
26 - 2	21	6												27	28	1.7
3	21	14	6											41	40	2.6
4	21	17	12	6										56	54	3.4
5	21	18	15	11	6									71	68	4.2
6	21	19	17	14	10	6								87	83	5.1
7	21	19	18	15	12	9	6							100	94	6.0
8	21	20	18	16	14	12	9	6						116	108	6.8
28 - 2	25	6												31	33	1.7
3	25	16	6											47	47	2.5
4	25	20	13	6										64	62	3.4
5	25	22	17	12	6									82	79	4.2
6	25	22	19	16	11	6								99	95	5.1
7	25	23	20	18	14	10	6							116	109	5.9
8	25	23	21	19	16	13	9	6						132	125	6.8
30 - 2	29	6												35	38	1.7
3	29	18	6											53	53	2.6
4	29	23	15	6										73	72	3.4
5	29	25	19	13	6									92	90	4.2
6	29	26	22	17	12	6								112	109	5.1
7	29	27	23	20	16	11	6							132	126	6.0
8	29	27	24	22	18	14	10	6						150	143	6.8
32 - 2	34	6												40	42	1.7
3	34	20	6											60	61	2.5
4	34	26	16	6										82	81	3.4
5	34	28	22	14	6									104	102	4.2
6	34	30	25	19	12	6								126	123	5.1
7	34	30	27	22	17	12	6							148	140	5.9
8	34	31	28	24	20	16	11	6						170	162	6.8
9	34	31	29	26	23	19	15	10	6					193	184	7.6
34 - 2	39	6												45	47	1.7
3	39	23	6											68	69	2.5
4	39	30	18	6										93	93	3.4
5	39	32	24	15	6									116	115	4.2
6	39	34	28	22	14	6								143	139	5.1
7	39	35	30	25	19	12	6							166	159	5.9
8	39	35	31	28	23	17	11	6						190	183	6.8
9	39	35	32	29	25	21	16	11	6					214	205	7.6

FORM CLASS
69

Table 5--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
36 - 3	43	25	6											74	76	2.5
4	43	33	19	6										101	102	3.4
5	43	36	27	16	6									128	128	4.2
6	43	38	31	23	14	6								155	149	5.1
7	43	39	33	28	21	13	6							183	176	5.9
8	43	39	35	30	25	19	12	6						209	201	6.7
9	43	40	36	32	28	23	17	11	6					236	228	7.6
10	43	40	37	34	30	26	21	16	11	6				264	254	8.4
38 - 3	49	28	6											83	85	2.5
4	49	37	21	6										113	114	3.4
5	49	40	30	18	6									143	142	4.2
6	49	42	35	26	16	6								174	171	5.1
7	49	43	38	31	23	14	6							204	197	5.9
8	49	44	39	34	28	20	13	6						233	224	6.8
9	49	45	41	36	31	25	19	12	6					264	255	7.6
10	49	45	42	38	34	29	23	18	11	6				295	285	8.4
40 - 3	54	30	6											90	94	2.5
4	54	41	23	6										124	126	3.4
5	54	45	33	19	6									157	157	4.2
6	54	47	38	28	17	6								190	188	5.1
7	54	48	41	34	25	15	6							223	216	5.9
8	54	49	44	38	30	22	14	6						257	249	6.8
9	54	50	45	40	34	28	20	13	6					290	281	7.6
10	54	50	46	42	37	32	25	19	12	6				323	313	8.5
42 - 3	60	33	6											99	102	2.5
4	60	45	24	6										135	137	3.4
5	60	49	36	20	6									171	171	4.2
6	60	52	42	31	18	6								209	207	5.1
7	60	53	46	37	27	16	6							245	237	5.9
8	60	54	48	41	33	24	14	6						280	272	6.8
9	60	55	50	44	38	30	22	13	6					318	309	7.6
10	60	55	51	46	41	35	28	20	13	6				355	345	8.4
44 - 4	66	49	27	6										148	150	3.4
5	66	54	39	22	6									187	188	4.2
6	66	57	46	33	19	6								[illegible]	226	5.1
7	66	59	50	41	29	17	6							[illegible]	260	5.9
8	66	60	53	45	36	26	15	6						[illegible]	299	6.8
9	66	61	55	49	41	32	23	14	6					347	338	7.6
10	66	62	56	51	45	38	30	22	13	6				384	[illegible]	8.5
46 - 4	73	53	28	6										160	164	3.4
5	73	59	43	23	6									204	206	4.2
6	73	62	50	36	20	6								247	246	5.1
7	73	64	55	44	31	18	6							291	[illegible]	[illegible]
8	73	65	58	[illegible]	39	28	16	6						334	[illegible]	[illegible]
9	[illegible]	[illegible]	60	[illegible]	45	35	25	15	6					[illegible]	[illegible]	[illegible]
10	73	[illegible]	61	55	[illegible]	41	32	23	14	6				421	[illegible]	[illegible]
48 - 4	80	58	30	6										174	178	3.4
5	80	64	46	24	6									[illegible]	222	4.2
6	80	68	54	34	21	6								266	[illegible]	5.1
7	80	[illegible]	59	[illegible]	34	19	6							316	308	5.9
8	80	71	63	[illegible]	43	[illegible]	[illegible]	6						[illegible]	354	6.8
9	80	72	65	[illegible]	46	38	27	16	6					408	400	7.6
10	80	[illegible]	67	60	53	44	35	24	15	6				[illegible]	[illegible]	8.4
50 - 4	[illegible]	63	33	6										[illegible]	193	3.4
5	87	70	50	26	6									[illegible]	242	4.2
6	87	74	59	42	22	6								290	284	5.1
7	87	76	64	51	35	[illegible]	6							340	332	5.9
8	87	[illegible]	68	58	[illegible]	32	18	6						[illegible]	384	6.7
9	87	78	71	62	52	41	28	16	6					441	433	7.6
10	87	80	73	65	57	48	37	26	15	6				[illegible]	485	8.4
52 - 5	94	76	54	28	6									258	261	4.2
6	94	80	64	45	24	6								[illegible]	314	5.1
7	94	82	70	55	39	21	6							367	359	5.9
8	94	84	74	62	49	34	18	6						421	413	6.7
9	94	85	77	67	56	44	30	17	6					476	468	7.6
10	94	86	79	71	62	51	40	28	16	6				533	523	8.4
11	94	87	80	73	66	57	48	36	25	15	6			587	573	9.3

Table 5--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
54 - 5	102	82	58	30	6									278	281	4.2
6	102	87	69	48	25	6								337	339	5.1
7	102	89	75	59	41	22	6							394	386	5.9
8	102	91	80	67	53	36	19	6						454	446	6.8
9	102	93	83	72	61	47	32	18	6					514	505	7.6
10	102	94	85	76	66	55	43	30	17	6				574	562	8.4
11	102	94	87	79	71	62	51	39	27	16	6			634	619	9.3
56 - 5	110	88	62	31	6									297	302	4.2
6	110	93	74	51	26	6								360	362	5.1
7	110	96	80	63	44	23	6							422	414	5.9
8	110	98	86	72	56	38	20	6						486	478	6.8
9	110	99	89	78	65	49	34	18	6					548	539	7.6
10	110	100	92	82	71	58	45	31	17	6				612	602	8.4
11	110	102	93	85	76	65	54	41	28	16	6			677	662	9.3
58 - 5	118	94	66	33	6									317	322	4.2
6	118	100	78	55	28	6								385	387	5.1
7	118	103	86	68	47	24	6							452	444	5.9
8	118	105	92	77	60	40	21	6						519	512	6.7
9	118	107	95	83	69	53	36	19	6					586	577	7.6
10	118	108	98	88	76	63	48	33	18	6				656	644	8.4
11	118	109	100	91	81	70	58	44	30	17	6			724	709	9.3
60 - 6	127	107	84	58	29	6								411	405	5.1
7	127	111	93	72	49	25	6							483	476	5.9
8	127	113	98	82	64	43	22	6						555	548	6.7
9	127	114	103	89	74	56	38	20	6					627	618	7.6
10	127	116	106	94	82	67	51	35	19'	6				703	689	8.4
11	127	117	107	97	87	75	62	47	31	17	6			773	759	9.3
12	127	118	109	100	91	80	69	56	43	29	16	6		844	828	10.1
62 - 6	136	114	90	62	30	6								438	432	5.0
7	136	118	99	77	53	27	6							516	508	5.9
8	136	120	105	87	68	46	23	6						591	583	6.7
9	136	122	109	95	78	60	40	21	6					667	654	7.6
10	136	124	113	100	87	71	54	36	19	6				746	733	8.4
11	136	126	115	104	93	80	65	49	33	18	6			825	810	9.3
12	136	126	117	107	97	86	73	60	45	30	17	6		900	883	10.1
64 - 6	145	122	95	66	32	6								466	460	5.1
7	145	126	105	82	55	28	6							547	539	5.9
8	145	129	112	93	72	48	24	6						629	622	6.7
9	145	131	117	101	84	63	42	22	6					711	702	7.6
10	145	132	120	107	92	76	57	39	20	6				794	780	8.4
11	145	134	122	111	97	85	69	52	34	19	6			876	862	9.3
12	145	134	125	114	103	92	78	63	49	32	17	6		957	940	10.1
66 - 6	154	129	101	69	33	6								492	486	5.0
7	154	134	112	87	58	29	6							580	572	5.9
8	154	136	119	99	76	50	25	6						665	658	6.7
9	154	138	124	107	88	66	44	23	6					750	742	7.6
10	154	140	127	113	98	80	60	40	21	6				839	826	8.4
11	154	142	130	117	104	90	73	55	36	19	6			926	912	9.3
12	154	143	132	121	110	96	82	66	50	33	18	6		1011	994	10.1
68 - 6	164	138	107	73	35	6								523	517	5.0
7	164	142	118	92	62	30	6							614	607	5.9
8	164	145	126	104	80	53	26	6						704	697	6.7
9	164	147	131	113	94	70	46	23	6					794	787	7.6
10	164	149	135	120	104	85	64	42	22	6				891	878	8.4
11	164	151	138	125	111	95	78	58	38	20	6			984	969	9.2
12	164	152	140	129	116	103	87	70	52	35	18	6		1072	1055	10.1
70 - 6	174	146	114	77	37	6								554	548	5.0
7	174	151	126	97	65	31	6							650	643	5.9
8	174	154	134	111	85	55	27	6						746	740	6.7
9	174	156	139	120	99	74	49	24	6					841	829	7.6
10	174	159	144	127	110	89	67	44	23	6				943	929	8.4
11	174	160	146	132	117	100	82	61	40	21	6			1039	1024	9.2
12	174	161	149	136	123	108	92	74	55	36	19	6		1133	1116	10.1
13	174	162	151	140	128	115	100	85	68	51	33	18	6	1231	1204	10.9

Table 5--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
72 - 6	185	155	120	81	39	6								586	580	5.0
7	185	160	132	103	68	33	6							687	680	5.9
8	185	163	142	117	90	58	28	6						789	784	6.7
9	185	166	147	127	105	78	51	25	6					890	878	7.6
10	185	168	152	134	116	94	71	46	23	6				995	982	8.4
11	185	170	156	140	124	106	86	64	41	22	6			1100	1085	9.2
12	185	171	158	144	131	115	97	78	58	38	20	6		1201	1183	10.1
13	185	172	160	148	136	122	106	89	71	53	35	18	6	1301	1274	10.9
74 - 6	196	164	127	85	40	6								618	612	5.0
	196	169	140	108	72	34	6							725	718	5.9
8	196	173	150	124	94	61	29	6						833	827	6.7
9	196	176	156	134	110	82	53	26	6					939	928	7.5
10	196	178	161	142	122	99	74	49	24	6				1051	1037	8.4
11	196	180	164	148	131	112	90	67	43	22	6			1159	1144	9.2
12	196	181	167	153	138	121	102	82	61	40	20	6		1267	1241	10.1
13	196	182	169	156	143	129	112	94	75	56	36	19	6	1373	1345	10.9
76 - 6	206	172	133	89	42	6								648	642	5.0
7	206	178	147	113	75	35	6							760	754	5.9
8	206	182	158	129	99	64	30	6						874	869	6.7
9	206	185	164	141	116	86	56	27	6					987	976	7.6
10	206	187	169	150	129	104	78	51	25	6				1105	1091	8.4
11	206	189	173	156	138	117	95	70	45	23	6			1218	1203	9.2
12	206	190	176	160	144	127	107	86	63	41	21	6		1327	1310	10.1
13	206	192	178	164	151	135	117	98	78	58	38	20	6	1441	1412	10.9
78 - 6	218	182	140	94	43	6								683	677	5.0
7	218	188	156	119	78	37	6							802	795	5.9
8	218	192	165	136	104	67	31	6						919	914	6.7
9	218	195	173	148	122	90	58	28	6					1038	1027	7.5
10	218	197	179	158	135	110	82	53	26	6				1164	1150	8.4
11	218	200	182	164	145	124	100	74	47	24	6			1284	1268	9.2
12	218	201	186	169	153	134	113	90	66	43	22	6		1401	1373	10.1
13	218	203	188	173	158	142	122	103	82	61	39	20	6	1515	1486	10.9
80 - 6	229	191	147	99	45	6								717	711	5.0
7	229	198	163	125	82	39	6							842	835	5.9
8	229	202	174	143	109	70	33	6						966	960	6.7
9	229	205	182	156	128	95	61	29	6					1091	1079	7.5
10	229	208	188	166	142	115	85	55	27	6				1221	1207	8.4
11	229	210	192	173	153	130	105	77	49	24	6			1348	1333	9.2
12	229	212	195	178	160	140	119	95	69	45	23	6		1471	1442	10.1
13	229	213	198	182	167	149	129	108	86	64	41	21	6	1593	1563	10.9

Table 6--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.1
14 - 1	5													5	8	1.6
16 - 1	7													7	11	1.6
2	7	6												13	15	2.3
3	7	7	6											20	22	3.5
18 - 1	10													10	13	1.5
2	10	6												16	15	1.9
3	10	8	6											24	23	2.9
4	10	9	7	6										32	31	3.9
20 - 1	12													12	15	1.4
2	12	6												18	18	1.8
3	12	10	6											28	27	2.7
4	12	11	8	6										37	36	3.6
5	12	11	10	8	6									47	44	4.5
22 - 1	15													15	19	1.4
2	15	6												21	21	1.8
3	15	11	6											32	31	2.6
4	15	13	10	6										44	42	3.5
5	15	14	12	9	6									56	53	4.4
6	15	14	12	11	8	6								66	63	5.2
7	15	14	13	12	10	8	6							78	74	6.1
24 - 2	18	6												24	24	1.7
3	18	13	6											37	36	2.6
4	18	15	11	6										50	48	3.4
5	18	16	14	10	6									64	60	4.3
6	18	17	15	12	[illegible]	6								77	73	5.2
7	18	17	16	14	12	[illegible]	6							92	87	6.1
8	18	17	16	15	13	11	8	6						104	97	6.9
26 - 2	22	6												28	29	1.7
3	22	15	6											43	43	2.6
4	22	18	12	6										58	56	3.4
5	22	[illegible]	16	11	6									74	71	4.3
6	22	20	17	14	10	6								89	85	5.1
7	22	20	18	16	13	9	6							104	98	6.0
8	22	20	19	17	15	12	9	6						120	113	6.8
28 - 2	26	6												32	34	1.7
3	26	17	6											49	48	2.6
4	26	21	14	6										67	65	3.4
5	26	22	18	12	6									84	81	4.2
6	26	23	20	16	11	6								102	98	5.1
7	26	24	21	18	14	10	6							119	113	6.0
8	26	24	22	19	17	13	10	6						137	130	6.8
30 - 2	30	6												36	39	1.7
3	30	19	6											55	55	2.6
4	30	24	15	6										75	74	3.4
5	30	26	20	13	6									95	93	4.3
6	30	27	23	18	12	6								116	113	.1
7	30	28	24	20	16	11	6							135	129	6.0
8	30	28	25	22	19	15	10	6						155	149	.8
32 - 2	35	6												41	43	1.7
3	35	21	6											62	63	2.6
4	35	27	17	6										85	83	3.4
5	35	29	23	14	6									107	105	4.2
6	35	30	26	20	13	6								130	127	5.1
7	35	31	28	23	18	12	6							153	147	6.0
8	35	32	29	25	21	16	11	6						175	167	6.8
9	35	32	30	27	23	19	15	10	6					197	189	7.6

Table 6--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	40	23	6											69	71	2.6
4	40	30	18	6										94	94	3.4
5	40	33	25	16	6									120	118	4.2
6	40	35	29	22	14	6								146	142	5.1
7	40	35	31	26	19	12	6							169	163	6.0
8	40	36	32	28	23	18	12	6						195	186	6.8
9	40	36	33	30	26	21	16	11	6					219	211	7.7
36 - 3	45	26	6											77	78	2.6
4	45	34	20	6										105	106	3.4
5	45	37	28	17	6									133	132	4.2
6	45	39	32	24	15	6								161	158	5.1
7	45	40	35	29	21	13	6							189	183	5.9
8	45	41	36	31	26	19	12	6						216	208	6.8
9	45	41	38	33	29	23	18	12	6					245	235	7.6
10	45	41	39	35	31	27	22	17	11	6				274	264	8.5
38 - 3	50	28	6											84	87	2.5
4	50	38	22	6										116	116	3.4
5	50	41	31	18	6									146	145	4.2
6	50	44	36	27	16	6								179	176	5.1
7	50	45	39	31	23	14	6							208	202	6.0
8	50	46	41	35	29	21	13	6						241	231	6.8
9	50	46	42	37	32	26	19	12	6					270	261	7.6
10	50	47	43	39	35	30	24	18	12	6				304	294	8.5
40 - 3	56	31	6											93	97	2.6
4	56	42	23	6										127	129	3.4
5	56	46	34	19	6									161	162	4.2
6	56	48	40	29	17	6								196	194	5.1
7	56	50	43	35	25	15	6							230	224	6.0
8	56	51	45	39	31	23	14	6						265	257	6.8
9	56	51	47	41	35	28	20	13	6					297	289	7.6
10	56	52	48	43	38	32	26	19	12	6				332	323	8.5
42 - 3	62	34	6											102	105	2.6
4	62	46	25	6										139	141	3.4
5	62	51	37	21	6									177	177	4.2
6	62	53	43	31	18	6								213	211	5.1
7	62	55	47	38	28	16	6							252	246	5.9
8	62	56	50	43	34	24	15	6						290	281	6.8
9	62	57	51	46	39	31	22	14	6					328	318	7.6
10	62	57	53	48	42	35	28	20	13	6				364	354	8.5
44 - 4	68	50	27	6										151	154	3.4
5	68	56	40	22	6									192	193	4.2
6	68	59	48	34	19	6								234	234	5.1
7	68	61	51	41	30	17	6							274	268	6.0
8	68	62	54	46	37	26	15	6						314	306	6.8
9	68	62	56	50	42	33	24	14	6					355	346	7.6
10	68	63	58	52	46	39	30	22	14	6				398	387	8.5
46 - 4	75	55	29	6										165	169	3.4
5	75	61	44	24	6									210	211	4.2
6	75	64	52	37	20	6								254	254	5.1
7	75	66	56	45	32	18	6							298	292	6.0
8	75	67	59	51	40	28	16	6						342	334	6.8
9	75	68	62	54	46	36	25	15	6					387	380	7.6
10	75	69	63	57	50	42	33	23	14	6				432	423	8.5
48 - 4	82	60	31	6										179	183	3.4
5	82	66	48	25	6									227	229	4.2
6	82	70	56	40	22	6								276	276	5.1
7	82	72	61	49	34	19	6							323	317	5.9
8	82	74	65	55	44	30	17	6						373	365	6.8
9	82	75	67	59	50	39	27	16	6					421	412	7.6
10	82	76	69	62	54	46	35	25	15	6				470	460	8.5
11	82	76	70	64	58	51	42	33	23	14	6			519	507	9.3

Table 6--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 4	89	65	33	6										193	198	3.4
5	89	72	51	27	6									245	248	4.2
6	89	76	61	43	23	6								298	298	5.1
7	89	78	66	53	37	20	6							349	341	5.9
8	89	80	70	59	47	32	18	6						401	393	6.8
9	89	81	73	64	54	42	29	16	6					454	446	7.6
10	89	82	75	67	59	49	38	27	16	6				508	497	8.5
11	89	83	77	69	62	54	46	35	24	14	6			559	548	9.3
52 - 5	97	78	55	28	6									264	268	4.2
6	97	82	66	46	24	6								321	322	5.1
7	97	85	72	57	40	21	6							378	370	5.9
8	97	87	76	64	51	35	19	6						435	426	6.8
9	97	88	79	69	58	45	31	17	6					490	481	7.6
10	97	89	81	73	63	53	41	28	16	6				547	538	8.5
11	97	90	82	75	67	58	49	38	26	15	6			603	592	9.3
54 - 5	105	84	59	30	6									284	288	4.2
6	105	89	71	49	25	6								344	347	5.1
7	105	92	77	61	42	22	6							405	399	5.9
8	105	94	82	69	54	37	20	6						467	458	6.8
9	105	95	85	74	62	48	33	18	6					526	516	7.6
10	105	96	88	78	68	56	44	30	17	6				588	577	8.5
11	105	97	89	81	73	63	52	40	27	16	6			649	637	9.3
56 - 5	113	90	63	32	6									304	308	4.2
6	113	96	76	53	27	6								371	373	5.1
7	113	99	83	65	45	23	6							434	428	6.0
8	113	101	88	74	58	39	20	6						499	491	6.8
9	113	102	92	80	66	51	35	19	6					564	554	7.6
10	113	104	94	84	73	60	47	32	18	6				631	620	8.5
11	113	104	96	87	78	67	55	43	29	16	6			694	682	9.4
58 - 5	122	97	67	34	6									326	331	4.2
6	122	103	81	56	28	6								396	399	5.1
7	122	106	89	70	48	24	6							465	459	5.9
8	122	108	94	79	62	41	22	6						534	525	6.8
9	122	110	98	85	71	54	37	20	6					603	593	7.6
10	122	112	101	90	78	65	49	34	18	6				675	664	8.5
11	122	113	103	94	84	72	59	45	30	17	6			745	734	9.3
12	122	113	105	96	87	78	66	54	41	28	16	6		812	795	10.2
60 - 6	131	110	86	60	30	6								423	426	5.1
7	131	114	95	74	51	26	6							497	489	5.9
8	131	116	101	84	66	44	23	6						571	563	6.8
9	131	118	105	91	76	58	39	20	6					644	635	7.6
10	131	119	108	96	84	69	53	35	19	6				720	710	8.5
11	131	120	111	100	89	77	63	48	32	18	6			795	783	9.3
12	131	121	113	103	94	82	71	58	43	30	16	6		868	852	10.2
62 - 6	140	118	92	63	31	6								459	458	5.1
7	140	122	102	79	54	27	6							530	522	5.9
8	140	124	108	90	70	46	23	6						607	600	6.8
9	140	125	113	98	80	61	41	21	6					686	678	7.6
10	140	127	116	103	89	73	55	38	20	6				767	756	8.5
11	140	129	118	107	95	82	67	51	34	18	6			847	832	9.3
12	140	130	120	110	100	88	75	61	46	31	17	6		924	907	10.2
64 - 6	149	126	98	67	33	6								479	483	5.1
7	149	130	108	84	57	28	6							562	554	5.9
8	149	132	115	95	74	49	24	6						644	637	6.8
9	149	134	120	104	86	65	43	22	6					729	720	7.6
10	149	136	124	110	95	78	59	39	20	6				816	806	8.5
11	149	138	126	114	101	87	71	53	35	19	6			890	884	9.3
12	149	138	128	117	106	94	80	65	48	32	18	6		981	964	10.2
13	149	139	130	120	110	99	86	74	59	45	30	17	6	1064	1041	11.0

Table 6--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
66 - 6	159	134	104	[illegible]	34	6								508	514	5.1
7	159	139	115	89	60	31	6							597	588	5.9
8	159	141	122	102	78	51	25	6						684	677	6.8
9	159	143	127	110	91	68	45	23	6					772	764	7.6
10	159	145	131	117	10[illegible]	82	62	41	21	6				864	855	8.4
11	159	146	134	121	107	93	75	56	37	20	6			954	939	9.3
12	159	147	136	125	113	100	85	68	51	34	18	6		1042	1025	10.1
13	159	148	138	127	117	106	92	78	62	48	31	17	6	1129	1106	11.0
68 - 6	169	142	110	75	36	6								538	543	5.1
7	169	146	122	94	63	31	6							631	623	5.9
8	169	150	130	107	82	54	27	6						725	717	6.8
9	169	152	135	117	96	72	48	24	6					819	810	7.6
10	169	154	140	124	107	87	66	43	22	6				918	908	8.4
11	169	156	142	129	114	98	80	59	39	20	6			1012	997	9.3
12	169	157	144	132	120	106	89	72	53	35	19	6		1102	1084	10.1
13	169	158	146	135	124	112	97	82	66	50	32	18	6	1195	1171	11.0
70 - 6	180	151	117	79	38	6								571	565	5.1
7	180	156	129	100	66	32	6							669	661	5.9
8	180	159	138	114	87	57	28	6						769	761	6.7
9	180	161	143	124	102	76	50	25	6					867	859	7.6
10	180	163	148	131	113	92	69	46	23	6				971	956	8.4
11	180	165	151	136	120	103	84	62	41	21	6			1069	1053	9.3
12	180	166	153	140	127	112	94	76	56	37	19	6		1166	1149	10.1
13	180	168	156	144	132	119	103	87	70	52	34	18	6	1269	1245	11.0
72 - 6	190	159	124	83	39	6								601	595	5.1
7	190	165	136	105	70	33	6							705	698	5.9
8	190	168	146	120	92	60	29	6						811	804	6.7
9	190	170	151	131	107	80	52	26	6					913	905	7.6
10	190	173	156	138	119	96	73	48	24	6				1023	1008	8.4
11	190	175	160	144	127	109	88	66	43	22	6			1130	1114	9.3
12	190	176	162	148	134	118	100	80	59	39	20	6		1232	1214	10.1
13	190	177	165	152	139	125	108	92	73	55	35	19	6	1336	1311	11.0
74 - 6	201	168	130	88	41	6								634	628	5.0
7	201	174	144	111	74	35	6							745	737	5.9
8	201	178	153	127	97	63	30	6						855	847	6.7
9	201	180	160	138	113	84	55	27	6					964	956	7.6
10	201	183	165	146	126	102	76	50	25	6				1080	1065	8.4
11	201	185	169	152	134	115	93	69	44	23	6			1191	1175	9.3
12	201	186	172	157	141	124	105	84	62	40	21	6		1299	1281	10.1
13	201	187	174	160	147	132	114	96	77	58	37	19	6	1408	1379	10.9
76 - 6	213	178	137	92	43	6								669	663	5.1
7	213	184	152	117	77	36	6							785	778	5.9
8	213	188	162	133	102	66	31	6						901	895	6.7
9	213	190	169	145	119	88	57	28	6					1015	1008	7.6
10	213	193	174	154	132	107	80	52	26	6				1137	1122	8.4
11	213	195	178	160	142	121	98	72	46	23	6			1254	1239	9.3
12	213	196	181	165	149	131	110	88	65	42	22	6		1368	1349	10.1
13	213	198	184	169	155	139	120	101	80	60	39	20	6	1484	1458	11.0
78 - 6	224	187	144	96	44	6								701	695	5.0
7	224	194	160	122	80	38	6							824	816	5.9
8	224	198	170	140	107	69	32	6						946	939	6.7
9	224	200	178	153	126	93	60	29	6					1069	1061	7.6
10	224	204	184	162	139	113	84	54	27	6				1197	1182	8.4
11	224	206	188	169	149	127	103	76	48	24	6			1320	1304	9.3
12	224	207	191	174	157	138	116	93	68	44	22	6		1440	1422	10.1
13	224	208	194	178	163	146	126	106	85	63	40	20	6	1559	1529	10.9
80 - 6	236	197	151	101	46	6								737	731	5.0
7	236	204	168	129	85	39	6							867	860	5.9
8	236	208	180	147	112	72	33	6						994	988	6.7
9	236	212	187	160	132	97	62	30	6					1122	1114	7.6
10	236	214	193	170	146	118	88	56	28	6				1255	1240	8.4
11	236	217	196	177	157	134	107	79	50	25	6			1386	1370	9.2
12	236	218	201	183	165	144	122	97	71	46	23	6		1512	1493	10.1
13	236	220	204	188	172	154	132	112	88	66	42	21	6	1641	1610	10.9

FORM CLASS
71

Table 7--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.2
14 - 1	5													5	9	1.7
16 - 1	8													8	11	1.6
2	8	6												14	15	2.3
3	8	7	6											21	23	3.5
18 - 1	10													10	13	1.5
2	10	6												16	15	1.9
3	10	8	6											24	23	2.9
4	10	9	8	6										33	32	3.9
20 - 1	13													13	16	1.4
2	13	6												19	19	1.8
3	13	10	6											29	28	2.7
4	13	11	9	6										39	37	3.6
5	13	12	10	8	6									49	46	4.6
22 - 2	16	6												22	22	1.8
3	16	11	6											33	32	2.6
4	16	13	10	6										45	43	3.5
5	16	14	12	9	6									57	54	4.4
6	16	14	13	11	8	6								68	65	5.3
7	16	15	14	12	10	8	6							81	77	6.2
24 - 2	19	6												25	25	1.7
3	19	13	6											38	37	2.6
4	19	16	11	6										52	50	3.5
5	19	17	14	10	6									66	63	4.3
6	19	17	15	12	9	6								78	75	5.2
7	19	18	16	14	12	9	6							94	89	6.1
8	19	18	16	15	13	11	8	6						106	100	7.0
26 - 2	23	6												29	29	1.7
3	23	15	6											44	44	2.6
4	23	18	12	6										59	59	3.4
5	23	20	16	11	6									76	73	4.3
6	23	20	18	14	10	6								91	87	5.2
7	23	21	19	16	13	10	6							108	102	6.0
8	23	21	19	18	15	12	9	6						123	116	6.9
28 - 2	27	6												33	34	1.7
3	27	17	6											50	51	2.6
4	27	21	14	6										68	66	3.4
5	27	23	18	12	6									86	83	4.3
6	27	24	20	16	11	6								104	100	5.1
7	27	24	22	18	15	10	6							122	116	6.0
8	27	25	23	20	17	14	10	6						142	135	6.8
30 - 2	31	6												37	40	1.7
3	31	19	6											56	57	2.6
4	31	24	15	6										76	75	3.4
5	31	27	20	13	6									97	95	4.3
6	31	28	23	18	12	6								118	115	5.2
7	31	28	25	21	16	11	6							138	132	6.0
8	31	29	26	23	19	15	10	6						159	153	6.9
9	31	29	27	24	21	18	14	10	6					180	173	7.7
32 - 2	36	6												42	43	1.7
3	36	21	6											63	64	2.6
4	36	28	17	6										87	86	3.4
5	36	30	23	14	6									109	107	4.3
6	36	31	26	20	13	6								132	129	5.1
7	36	32	28	24	18	12	6							156	150	6.0
8	36	33	30	26	22	16	11	6						180	173	6.8
9	36	33	30	28	24	20	15	10	6					202	195	7.7

Table 7--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens) 1	2	3	4	5	6	7	8	9	10	11	12	13	Tree volume 10-inch top	Tree volume Utilized top	Utilized length 16 ft. logs
34 - 3	41	24	6											71	73	2.6
4	41	31	[illegible]	6										96	96	3.4
5	41	34	[illegible]	[illegible]	6									124	121	4.3
6	41	35	[illegible]	[illegible]	14	6								148	145	5.1
7	41	36	[illegible]	[illegible]	20	14	6							174	168	6.0
8	41	[illegible]	33	[illegible]	24	18	12	6						200	193	6.8
9	41	[illegible]	34	[illegible]	27	22	17	11	6					227	219	[illegible]
36 - 3	46	[illegible]	6											78	80	2.6
4	46	35	[illegible]	6										[illegible]	108	3.4
5	46	30	24	[illegible]	6									137	137	4.3
6	46	[illegible]	33	25	15	6								165	163	5.1
7	46	41	36	29	22	14	6							194	188	6.0
8	46	42	38	32	27	20	12	6						223	217	6.8
9	46	43	39	35	30	24	18	12	6					253	243	7.7
10	46	43	40	36	32	28	23	17	11	6				282	272	8.5
38 - 3	52	29	6											87	91	2.6
4	52	39	22	6										119	120	3.4
5	52	43	32	18	6									151	151	[illegible]
6	52	45	37	27	16	6								183	181	5.1
7	52	46	40	32	24	15	6							215	209	6.0
8	52	47	42	36	29	22	13	6						247	241	6.8
9	52	48	43	39	33	27	19	12	6					[illegible]	271	7.7
10	52	48	44	40	36	30	24	18	12	6				310	300	8.5
40 - 3	58	32	6											96	101	2.6
4	58	43	24	6										131	133	3.4
5	58	48	35	20	6									167	167	4.3
6	58	50	41	30	17	6								202	201	5.1
7	58	51	44	36	26	16	6							237	231	6.0
8	58	52	46	40	32	23	14	6						271	265	6.8
9	58	53	48	43	36	29	21	13	6					307	300	7.7
10	58	53	49	44	39	33	27	19	12	6				340	331	8.6
42 - 3	64	35	6											105	108	2.6
4	64	47	26	6										143	144	3.4
5	64	52	38	[illegible]	6									181	181	4.2
6	64	55	44	32	18	6								219	218	5.1
7	64	56	48	39	28	16	6							257	251	6.0
8	64	58	51	44	35	25	15	6						298	289	6.8
9	64	58	53	47	40	31	23	14	6					[illegible]	[illegible]	7.7
10	64	59	54	49	43	36	29	21	13	6				374	363	8.5
44 - 4	70	52	28	6										156	158	3.4
5	70	57	41	23	6									197	197	4.2
6	70	60	49	35	19	6								239	239	5.1
7	70	62	53	43	30	17	6							281	275	6.0
8	70	63	56	48	38	27	16	6						324	315	6.8
9	[illegible]	64	58	51	43	34	24	14	6					364	355	7.7
10	70	65	59	53	47	40	31	23	14	6				408	396	8.5
46 - 4	78	57	30	6										[illegible]	175	3.4
5	78	63	45	24	6									[illegible]	218	4.3
6	78	66	53	38	21	6								262	261	5.1
7	78	68	58	46	33	18	6							307	301	6.0
8	78	70	61	52	41	29	16	6						353	347	6.8
9	78	70	63	56	48	37	26	15	6					399	391	7.7
10	78	71	65	59	52	43	34	24	14	6				446	436	8.5
48 - 4	85	62	32	6										185	189	3.4
5	85	68	49	26	6									234	236	4.2
6	85	72	58	41	22	6								284	284	5.1
7	85	75	63	50	35	19	6							333	327	6.0
8	85	76	66	56	45	31	17	6						382	374	6.8
9	85	77	69	61	51	40	28	16	6					433	424	7.7
10	85	78	71	64	56	47	36	26	15	6				484	473	8.5
11	85	78	73	66	59	52	43	33	23	14	6			532	521	9.4

Table 7--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 4	92	66	34	6										198	203	3.4
5	92	74	53	28	6									253	255	4.2
6	92	78	62	44	23	6								305	305	5.1
7	92	81	68	54	38	20	6							359	353	6.0
8	92	82	72	61	48	33	18	6						412	404	6.8
9	92	84	75	66	55	43	30	17	6					468	458	7.6
10	92	85	77	69	60	50	39	27	16	6				521	511	8.5
11	92	85	78	72	64	56	47	36	25	15	6			576	564	9.4
52 - 5	100	80	56	29	6									271	275	4.2
6	100	85	67	48	24	6								330	332	5.1
7	100	87	74	58	41	22	6							388	382	6.0
8	100	89	78	66	52	35	19	6						445	437	6.8
9	100	90	81	71	59	46	31	18	6					502	493	7.6
10	100	92	84	75	65	54	42	29	16	6				563	553	8.5
11	100	93	85	77	69	60	50	38	26	15	6			619	608	9.4
12	100	93	86	80	73	65	55	46	35	24	14	6		677	665	10.2
54 - 5	108	86	61	31	6									292	295	4.2
6	108	92	72	51	26	6								355	357	5.1
7	108	94	79	62	43	23	6							415	409	6.0
8	108	96	84	71	55	38	20	6						478	469	6.8
9	108	98	87	76	64	49	33	18	6					539	530	7.7
10	108	99	90	80	70	58	45	31	17	6				604	593	8.5
11	108	100	92	83	75	65	53	41	28	16	6			667	654	9.4
12	108	100	93	86	78	69	59	49	37	26	15	6		726	712	10.2
56 - 5	117	93	65	33	6									314	318	4.2
6	117	99	78	54	28	6								382	383	5.1
7	117	102	86	67	46	24	6							448	442	6.0
8	117	104	91	76	59	40	21	6						514	505	6.8
9	117	106	94	82	68	52	35	19	6					579	570	7.7
10	117	107	97	87	76	62	48	32	18	6				650	639	8.5
11	117	108	99	90	80	69	57	44	30	17	6			717	704	9.4
12	117	108	101	93	84	75	64	52	40	27	16	6		783	769	10.2
58 - 5	126	100	69	34	6									335	341	4.2
6	126	106	83	58	29	6								408	411	5.1
7	126	110	92	72	49	25	6							480	474	6.0
8	126	112	98	81	63	43	22	6						551	542	6.8
9	126	113	101	88	73	55	38	20	6					620	610	7.7
10	126	115	104	93	80	66	51	34	18	6				693	683	8.5
11	126	116	106	96	86	74	61	46	31	17	6			765	753	9.4
12	126	117	108	99	90	80	68	55	42	29	16	6		836	822	10.2
13	126	117	110	102	93	85	74	63	51	39	26	15	6	907	892	11.1
60 - 6	134	113	89	61	30	6								433	437	5.1
7	134	117	98	77	52	26	6							510	504	6.0
8	134	120	104	87	67	45	23	6						586	578	6.8
9	134	121	108	94	78	59	40	21	6					661	651	7.6
10	134	123	112	99	86	71	54	36	19	6				740	729	8.5
11	134	124	114	103	92	79	65	49	33	18	6			817	805	9.4
12	134	125	116	106	96	85	73	59	44	30	17	6		891	877	10.2
13	134	126	117	108	100	90	78	67	54	41	28	16	6	965	943	11.0
62 - 6	144	121	95	65	32	6								463	467	5.1
7	144	125	104	81	55	28	6							543	537	5.9
8	144	128	111	92	72	48	24	6						625	616	6.8
9	144	129	116	100	83	63	42	22	6					705	696	7.6
10	144	131	119	106	92	75	57	38	20	6				788	778	8.5
11	144	132	122	110	98	84	69	52	34	19	6			870	858	9.3
12	144	133	124	113	103	90	77	63	47	31	17	6		948	935	10.2
13	144	134	126	116	106	96	84	71	58	44	29	16	6	1030	1008	11.0
64 - 6	153	129	100	69	33	6								490	495	5.1
7	153	133	111	86	58	29	6							576	570	6.0
8	153	136	118	98	76	50	25	6						662	653	6.8
9	153	138	123	106	88	66	44	23	6					747	737	7.6
10	153	140	127	113	97	80	60	40	21	6				837	826	8.5
11	153	141	129	117	104	89	73	55	36	19	6			922	910	9.4
12	153	142	131	120	109	96	82	66	49	33	18	6		1005	991	10.2
13	153	143	133	123	113	102	89	75	61	46	30	17	6	1091	1068	11.0

Table 7--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
66 - 6	164	138	107	73	35	6								[illegible]	529	5.1
7	164	142	118	92	62	30	6							[illegible]	[illegible]	[illegible]
8	164	145	126	104	80	53	26	6						[illegible]	[illegible]	6.8
9	164	147	131	113	94	70	46	23	6					[illegible]	[illegible]	[illegible]
10	164	149	135	120	104	85	64	42	22	6				[illegible]	[illegible]	[illegible]
11	164	151	138	125	111	95	78	58	38	20	6			[illegible]	[illegible]	[illegible]
12	164	152	140	128	116	103	87	70	52	35	18	6		[illegible]	[illegible]	[illegible]
13	164	153	142	131	120	[illegible]	94	80	64	49	32	[illegible]	6	[illegible]	[illegible]	[illegible]
68 - 6	174	146	114	77	37	6								[illegible]	[illegible]	[illegible]
7	174	151	126	97	65	31	6							[illegible]	[illegible]	[illegible]
8	174	154	134	111	85	55	[illegible]	6						[illegible]	[illegible]	[illegible]
9	174	156	139	120	99	74	49	24	6					[illegible]	[illegible]	[illegible]
10	174	159	144	127	110	89	67	44	23	6				[illegible]	[illegible]	[illegible]
11	174	160	146	132	117	100	82	61	40	21	6			[illegible]	[illegible]	[illegible]
12	174	161	149	136	123	108	92	74	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
13	174	162	151	140	128	115	100	85	68	51	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
70 - 6	185	155	120	81	39	6								[illegible]	[illegible]	5.1
7	185	160	132	103	68	33	6							[illegible]	[illegible]	[illegible]
8	185	163	142	117	90	[illegible]	28	6						[illegible]	[illegible]	[illegible]
9	185	166	147	127	105	78	51	25	6					[illegible]	[illegible]	[illegible]
10	185	168	152	134	116	94	71	46	[illegible]	6				[illegible]	[illegible]	8.5
11	185	170	156	140	124	106	86	64	41	22	6			[illegible]	[illegible]	9.3
12	185	171	158	144	131	115	97	78	[illegible]	38	[illegible]	6		[illegible]	[illegible]	[illegible]
13	185	172	160	148	136	[illegible]	106	89	71	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
72 - 6	196	164	127	85	40	6								[illegible]	[illegible]	[illegible]
7	196	[illegible]	140	108	72	34	6							[illegible]	[illegible]	[illegible]
8	196	173	150	124	91	61	24	6						[illegible]	[illegible]	[illegible]
9	196	[illegible]	156	[illegible]	110	82	53	[illegible]	6					[illegible]	[illegible]	[illegible]
10	196	178	161	142	122	99	74	49	[illegible]	6				[illegible]	[illegible]	[illegible]
11	196	180	164	148	131	112	90	67	[illegible]	[illegible]	6			[illegible]	[illegible]	[illegible]
12	196	181	167	153	138	121	102	82	61	40	[illegible]	6		[illegible]	[illegible]	[illegible]
13	196	182	169	156	143	[illegible]	112	94	75	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
74 - 6	[illegible]	173	134	90	42	6								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	148	114	75	36	6							[illegible]	[illegible]	[illegible]
8	[illegible]	182	158	[illegible]	[illegible]	64	[illegible]	6						[illegible]	[illegible]	[illegible]
9	[illegible]	186	165	142	[illegible]	86	56	28	6					[illegible]	[illegible]	[illegible]
10	[illegible]	188	170	[illegible]	129	104	[illegible]	[illegible]	25	6				[illegible]	[illegible]	[illegible]
11	[illegible]	190	174	[illegible]	138	118	[illegible]	[illegible]	[illegible]	[illegible]	6			[illegible]	[illegible]	[illegible]
12	[illegible]	191	176	161	145	127	[illegible]	[illegible]	[illegible]	41	21	6		[illegible]	[illegible]	10.1
13	[illegible]	192	179	165	151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
76 - 6	219	183	141	95	44	6								[illegible]	[illegible]	5.1
7	219	189	156	120	79	37	6							[illegible]	[illegible]	5.9
8	219	193	167	137	105	[illegible]	32	6						[illegible]	[illegible]	6.8
9	219	[illegible]	174	149	123	91	59	28	6					[illegible]	[illegible]	[illegible]
10	219	199	180	159	[illegible]	110	82	[illegible]	26	6				[illegible]	[illegible]	8.5
11	219	201	184	165	[illegible]	125	100	74	48	24	6			[illegible]	[illegible]	9.3
12	219	203	187	170	153	134	114	91	66	[illegible]	[illegible]	6		[illegible]	[illegible]	10.2
13	219	204	189	174	160	143	124	104	83	62	[illegible]	[illegible]	6	[illegible]	[illegible]	11.0
78 - 6	231	192	148	99	46	6								[illegible]	[illegible]	5.1
7	231	200	165	126	82	39	6							[illegible]	[illegible]	5.9
8	231	204	176	144	110	70	33	6						[illegible]	[illegible]	6.8
9	231	207	183	158	129	95	61	30	6					1100	[illegible]	7.6
10	231	210	189	167	143	116	86	55	27	6				[illegible]	[illegible]	8.4
11	231	212	193	174	153	131	106	78	49	25	6			[illegible]	1341	9.3
12	231	213	196	180	161	142	[illegible]	95	70	45	23	6		[illegible]	[illegible]	10.1
13	231	215	200	183	[illegible]	151	130	109	87	64	41	21	6	[illegible]	1579	11.0
80 - 6	243	203	156	104	48	6								[illegible]	770	[illegible]
7	243	210	173	132	87	40	6							891	883	[illegible]
8	243	214	185	151	115	74	34	6						[illegible]	[illegible]	[illegible]
9	243	218	192	165	135	100	64	30	6					[illegible]	[illegible]	[illegible]
10	243	221	199	176	151	121	90	58	28	6				[illegible]	1282	8.4
11	243	223	204	182	161	137	110	81	51	26	6			[illegible]	1407	9.3
12	243	224	207	189	170	148	125	100	73	47	23	6		1555	[illegible]	10.1
13	243	226	210	193	176	158	136	114	91	67	[illegible]	22	6	[illegible]	[illegible]	11.0

Table 8--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.2
14 - 1	6													6	9	1.8
16 - 1	8													8	12	1.6
2	8	6												14	15	2.2
3	8	7	6											21	22	3.4
18 - 1	10													10	14	1.5
2	10	6												16	15	1.9
3	10	8	6											24	23	2.9
4	10	9	8	6										33	32	3.9
20 - 1	13													13	17	1.4
2	13	6												19	19	1.8
3	13	10	6											29	28	2.8
4	13	11	9	6										39	37	3.6
5	13	12	10	8	6									49	47	4.6
22 - 2	16	6												22	22	1.8
3	16	12	6											34	33	2.6
4	16	14	10	6										46	44	3.5
5	16	14	12	9	6									57	54	4.4
6	16	15	13	11	9	6								70	66	5.3
7	16	15	14	12	10	8	6							81	78	6.2
24 - 2	20	6												26	25	1.8
3	20	14	6											40	39	2.6
4	20	16	11	6										53	52	3.5
5	20	17	14	10	6									67	64	4.4
6	20	18	16	13	10	6								83	79	5.3
7	20	18	16	14	12	9	6							95	90	6.1
8	20	18	17	16	14	11	8	6						110	104	7.0
26 - 2	23	6												29	30	1.7
3	23	15	6											44	44	2.6
4	23	19	13	6										61	60	3.4
5	23	20	16	11	6									76	74	4.3
6	23	21	18	15	10	6								93	90	5.2
7	23	22	19	17	14	10	6							111	107	6.1
8	23	22	20	18	16	12	9	6						126	120	6.9
28 - 2	28	6												34	35	1.7
3	28	18	6											52	52	2.6
4	28	22	14	6										70	70	3.4
5	28	24	19	12	6									89	86	4.3
6	28	24	21	17	11	6								107	103	5.2
7	28	25	22	19	15	10	6							125	119	6.0
8	28	26	23	21	18	14	10	6						146	139	6.9
30 - 2	32	6												38	40	1.7
3	32	19	6											57	59	2.6
4	32	25	16	6										79	79	3.4
5	32	27	21	14	6									100	97	4.3
6	32	28	24	18	12	6								120	117	5.2
7	32	29	25	22	17	11	6							142	136	6.0
8	32	30	27	23	20	15	10	6						163	157	6.9
9	32	30	28	25	22	18	14	10	6					185	178	7.8
32 - 2	37	6												43	44	1.7
3	37	22	6											65	67	2.6
4	37	28	17	6										88	87	3.4
5	37	31	24	15	6									113	110	4.3
6	37	32	27	21	13	6								136	133	5.2
7	37	33	29	24	18	12	6							159	153	6.0
8	37	34	30	27	22	17	11	6						184	177	6.9
9	37	34	31	28	24	20	16	11	6					207	198	7.7

Table 8--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	42	24	6											72	76	2.6
4	42	32	19	6										99	99	3.4
5	42	35	27	16	6									126	124	4.3
6	42	37	30	23	14	6								152	149	5.2
7	42	38	33	27	20	13	6							179	173	6.0
8	42	39	34	30	24	18	12	6						205	198	6.9
9	42	39	35	32	28	22	17	11	6					232	225	7.7
36 - 3	48	27	6											81	84	2.6
4	48	36	20	6										110	111	3.4
5	48	39	29	17	6									139	139	4.3
6	48	41	34	25	15	6								169	167	5.1
7	48	43	36	30	22	14	6							199	193	6.0
8	48	43	39	33	27	20	12	6						228	222	6.8
9	48	44	40	35	30	24	18	12	6					257	250	7.7
10	48	44	41	37	33	28	23	17	11	6				288	278	8.6
38 - 3	53	30	6											89	93	2.6
4	53	40	23	6										122	122	3.4
5	53	44	32	19	6									154	153	4.3
6	53	46	38	28	16	6								187	185	5.1
7	53	48	41	33	24	15	6							220	214	6.0
8	53	48	43	37	30	22	13	6						252	246	6.8
9	53	49	44	40	34	27	20	12	6					285	278	7.7
10	53	49	46	41	37	31	25	19	12	6				319	310	8.6
40 - 3	59	32	6											97	103	2.6
4	59	44	24	6										133	135	3.4
5	59	49	36	20	6									170	170	4.3
6	59	51	42	30	18	6								206	204	5.2
7	59	53	45	37	27	16	6							243	237	6.0
8	59	53	48	41	33	24	14	6						278	272	6.9
9	59	54	49	44	37	30	22	13	6					314	307	7.7
10	59	55	51	46	40	34	28	20	12	6				351	343	8.6
42 - 3	66	35	6											107	113	2.6
4	66	49	26	6										147	149	3.4
5	66	53	39	22	6									186	186	4.3
6	66	56	46	33	18	6								225	224	5.1
7	66	58	49	40	29	17	6							265	259	6.0
8	66	59	52	45	36	26	15	6						305	298	6.8
9	66	60	54	48	41	32	23	14	6					344	336	7.7
10	66	61	55	50	44	38	30	22	13	6				385	374	8.6
44 - 4	73	53	28	6										160	163	3.4
5	73	59	43	23	6									204	205	4.3
6	73	62	50	36	20	6								247	246	5.1
7	73	64	55	44	31	18	6							291	285	6.0
8	73	65	58	49	39	28	16	6						334	327	6.8
9	73	66	60	53	45	35	25	15	6					378	370	7.7
10	73	67	61	55	49	41	32	23	14	6				421	412	8.6
11	73	67	62	57	51	45	38	30	21	13	6			463	451	9.4
46 - 4	80	58	30	6										174	178	3.4
5	80	64	46	24	6									220	222	4.3
6	80	68	54	39	21	6								268	267	5.1
7	80	70	59	48	34	19	6							316	310	6.0
8	80	71	63	53	43	30	17	6						363	356	6.8
9	80	72	65	57	48	38	27	16	6					409	401	7.7
10	80	73	67	60	53	44	35	24	15	6				457	448	8.6
11	80	74	68	62	56	49	41	32	22	14	6			504	495	9.4
48 - 4	87	63	33	6										189	192	3.4
5	87	70	50	26	6									239	241	4.3
6	87	75	59	42	22	6								291	291	5.1
7	87	77	65	51	36	20	6							342	336	6.0
8	87	78	69	58	46	32	18	6						394	387	6.8
9	87	79	71	62	53	41	28	16	6					443	436	7.7
10	87	80	73	66	58	48	38	26	15	6				497	487	8.6
11	87	81	75	68	61	53	44	34	24	14	6			547	535	9.4

Table 8--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 4	95	68	35	6										204	209	3.4
5	95	76	54	28	6									259	262	4.3
6	95	80	64	45	24	6								314	314	5.1
7	95	83	70	55	39	21	6							369	363	6.0
8	95	85	74	62	49	34	18	6						423	417	6.8
9	95	86	77	67	57	44	30	17	6					479	470	7.7
10	95	87	80	71	62	52	40	28	16	6				537	526	8.5
11	95	88	81	74	66	58	48	37	25	15	6			593	581	9.4
12	95	88	82	76	69	62	53	44	34	23	14	6		646	633	10.2
52 - 5	103	82	58	30	6									279	282	4.3
6	103	87	69	49	25	6								339	340	5.1
7	103	90	76	60	41	22	6							398	392	6.0
8	103	92	80	67	53	36	19	6						456	450	6.8
9	103	93	83	73	61	47	32	18	6					516	509	7.7
10	103	94	86	77	67	55	43	30	17	6				578	566	8.6
11	103	95	87	80	71	62	51	39	27	16	6			637	624	9.4
12	103	95	89	82	75	66	57	47	36	25	15	6		696	682	10.3
54 - 5	112	89	62	31	6									300	304	4.3
6	112	94	75	52	27	6								366	367	5.1
7	112	98	82	64	44	23	6							429	423	6.0
8	112	99	87	73	57	39	20	6						493	487	6.8
9	112	101	90	78	66	50	34	18	6					555	549	7.7
10	112	102	93	83	72	59	46	31	17	6				621	610	8.6
11	112	103	95	86	77	66	55	42	28	16	6			686	674	9.4
12	112	104	96	88	80	71	61	50	38	26	15	6		747	733	10.3
13	112	104	98	90	83	76	66	56	46	36	24	14	6	811	797	11.1
56 - 5	120	95	66	33	6									320	325	4.3
6	120	102	80	55	28	6								391	393	5.1
7	120	105	88	69	47	24	6							459	453	6.0
8	120	107	93	78	61	41	21	6						527	521	6.8
9	120	108	97	84	70	53	36	19	6					593	587	7.7
10	120	110	100	89	77	64	49	33	18	6				666	655	8.6
11	120	111	102	92	82	71	58	44	30	17	6			733	720	9.4
12	120	112	103	95	86	77	65	53	41	28	16	6		802	787	10.3
13	120	112	105	97	89	81	71	60	49	38	26	15	6	869	853	11.1
58 - 5	129	103	71	35	6									344	349	4.3
6	129	109	86	59	30	6								419	421	5.1
7	129	113	94	74	50	26	6							492	486	6.0
8	129	115	100	84	65	44	22	6						565	559	6.8
9	129	117	104	90	75	57	39	20	6					637	630	7.7
10	129	118	107	95	83	68	52	35	19	6				712	701	8.6
11	129	119	110	99	88	77	62	48	32	18	6			788	775	9.4
12	129	120	112	102	93	82	70	57	43	29	16	6		859	845	10.3
13	129	121	113	104	96	87	76	65	53	40	27	15	6	932	917	11.1
60 - 6	138	117	92	63	31	6								447	451	5.1
7	138	120	100	78	53	27	6							522	516	6.0
8	138	123	107	89	69	46	23	6						601	596	6.8
9	138	125	112	96	80	61	41	21	6					680	670	7.7
10	138	126	114	102	88	72	55	37	20	6				758	746	8.5
11	138	127	117	106	94	81	66	50	33	18	6			836	824	9.4
12	138	129	119	109	99	87	75	61	46	31	17	6		917	903	10.2
13	138	129	120	112	103	93	80	68	55	43	28	16	6	991	976	11.1
62 - 6	148	124	97	66	32	6								473	477	5.1
7	148	129	107	83	56	28	6							557	551	6.0
8	148	131	114	95	73	49	24	6						640	631	6.8
9	148	133	119	103	85	64	43	22	6					723	714	7.7
10	148	135	122	108	94	77	58	39	20	6				807	797	8.5
11	148	136	125	113	100	86	70	53	35	19	6			891	879	9.4
12	148	137	127	116	106	93	79	64	48	32	18	6		974	960	10.2
13	148	138	129	119	109	99	86	73	59	45	30	16	6	1057	1041	11.1
64 - 6	158	133	104	71	34	6								506	511	5.1
7	158	138	114	89	60	30	6							595	589	6.0
8	158	140	122	101	78	51	25	6						681	673	6.8
9	158	142	127	110	90	68	45	23	6					769	759	7.7
10	158	144	131	116	100	82	62	41	21	6				861	850	8.5
11	158	146	134	120	107	92	75	56	37	20	6			951	938	9.4
12	158	146	136	124	113	99	84	68	51	34	18	6		1037	1023	10.2
13	158	148	138	127	117	105	91	78	62	47	31	17	6	1125	1109	11.1

Table 8--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 6	168	141	110	75	36	6								[illegible]	541	5.1
7	168	[illegible]	121	[illegible]	[illegible]	31								[illegible]	[illegible]	6.0
8	[illegible]	149	[illegible]	[illegible]	82	54	[illegible]	[illegible]						[illegible]	712	6.8
9	[illegible]	151	134	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]					[illegible]	[illegible]	[illegible]
10	168	153	[illegible]	[illegible]	[illegible]	86	[illegible]	[illegible]	22	[illegible]				[illegible]	[illegible]	[illegible]
11	168	[illegible]	[illegible]	[illegible]	113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			1007	[illegible]	[illegible]
12	168	[illegible]	144	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1084	10.2
13	[illegible]	[illegible]	146	[illegible]	[illegible]	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	11.1
[illegible] - 6	[illegible]	151	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	156	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	[illegible]	[illegible]	114	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	161	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	131	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	151	[illegible]	[illegible]	80	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1011	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	152	[illegible]	[illegible]	108	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	140	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	111	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	165	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	172	[illegible]	141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]		[illegible]	[illegible]	[illegible]
13	201	[illegible]	[illegible]	160	[illegible]	[illegible]	111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	138	92	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.9
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.6
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.5
11	[illegible]	196	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.3
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	131	111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.2
13	213	[illegible]	185	170	[illegible]	[illegible]	[illegible]	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.0
76 - 6	[illegible]	[illegible]	145	[illegible]	[illegible]	6								[illegible]	715	[illegible]
7	225	[illegible]	[illegible]	123	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	225	199	171	141	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	201	[illegible]	153	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	128	[illegible]	[illegible]	48	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	158	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	164	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	198	153	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	238	205	[illegible]	129	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	5.9
8	[illegible]	210	181	148	113	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	213	189	162	132	98	[illegible]	[illegible]	6					1131	1122	7.6
10	[illegible]	216	195	172	147	[illegible]	[illegible]	[illegible]	28	[illegible]				1266	1254	8.5
11	238	218	199	179	158	134	[illegible]	80	51	[illegible]	[illegible]			[illegible]	1383	9.3
12	[illegible]	220	202	185	166	146	122	98	71	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.2
13	238	222	205	189	[illegible]	155	[illegible]	112	[illegible]	[illegible]	[illegible]	21	6	[illegible]	[illegible]	11.0
80 - 6	250	208	160	107	48	6								[illegible]	790	5.1
7	250	216	[illegible]	136	[illegible]	41	6							[illegible]	906	5.9
8	250	221	190	156	118	76	35	6						[illegible]	1043	6.8
9	250	224	198	170	139	103	66	31	[illegible]					1187	1178	7.6
10	250	227	204	[illegible]	155	124	92	59	28	[illegible]				1325	1314	8.5
11	250	229	209	188	[illegible]	141	113	83	53	[illegible]	[illegible]			1463	1450	9.3
12	250	231	213	194	174	153	129	103	75	[illegible]	[illegible]	[illegible]		1600	1580	10.2
13	250	233	216	199	182	[illegible]	140	117	93	[illegible]	[illegible]	22	6	1733	1705	11.0

Table 9--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.3
14 - 1	6													6	9	1.9
16 - 1	8													8	12	1.6
2	8	6												14	15	2.2
3	8	7	6											21	23	3.4
18 - 1	11													11	14	1.5
2	11	6												17	17	1.9
3	11	8	6											25	24	2.9
4	11	10	8	6										35	34	3.9
5	11	10	9	7	6									43	42	4.9
20 - 1	14													14	17	1.4
2	14	6												20	20	1.8
3	14	10	6											30	29	2.8
4	14	12	9	6										41	39	3.7
5	14	12	11	8	6									51	50	4.6
6	14	12	11	10	8	6								61	58	5.5
22 - 2	17	6												23	23	1.8
3	17	12	6											35	34	2.7
4	17	14	10	6										47	45	3.6
5	17	15	12	9	6									59	58	4.4
6	17	16	14	12	9	6								74	71	5.3
7	17	16	14	13	11	8	6							85	82	6.2
24 - 2	20	6												26	26	1.8
3	20	14	6											40	39	2.6
4	20	17	12	6										55	53	3.5
5	20	18	15	10	6									69	66	4.4
6	20	18	16	13	10	6								83	79	5.3
7	20	19	17	15	12	9	6							98	93	6.2
8	20	19	18	16	14	11	9	6						113	107	7.0
26 - 2	24	6												30	31	1.7
3	24	16	6											46	46	2.6
4	24	19	13	6										62	61	3.5
5	24	21	17	12	6									80	78	4.4
6	24	22	19	15	11	6								97	94	5.2
7	24	22	20	17	14	10	6							113	109	6.1
8	24	23	20	18	16	13	9	6						129	123	7.0
28 - 2	28	6												34	35	1.7
3	28	18	6											52	53	2.6
4	28	22	14	6										70	70	3.4
5	28	24	19	12	6									89	86	4.3
6	28	25	21	17	11	6								108	105	5.2
7	28	26	23	19	15	11	6							128	122	6.1
8	28	26	24	21	18	14	10	6						147	140	6.9
30 - 2	33	6												39	41	1.7
3	33	20	6											59	60	2.6
4	33	26	16	6										81	81	3.4
5	33	28	22	14	6									103	102	4.3
6	33	29	24	19	12	6								123	121	5.2
7	33	30	26	22	17	11	6							145	142	6.1
8	33	30	28	24	20	16	11	6						168	161	6.9
9	33	30	28	25	22	18	14	10	6					186	179	7.8
32 - 3	38	23	6											67	69	2.6
4	38	29	18	6										91	92	3.4
5	38	32	24	15	6									115	113	4.3
6	38	33	28	21	13	6								139	136	5.2
7	38	34	30	25	19	12	6							164	158	6.0
8	38	35	31	28	22	17	11	6						189	182	6.9
9	38	35	32	29	25	21	16	11	6					213	204	7.8

Table 9--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	43	25	6											74	77	2.6
4	43	33	19	6										101	103	3.4
5	43	36	27	16	6									128	127	4.3
6	43	38	31	23	14	6								155	152	5.2
7	43	39	33	28	21	13	6							183	177	6.0
8	43	39	35	30	25	19	12	6						209	202	6.9
9	43	40	36	32	28	23	17	11	6					236	229	7.8
36 - 3	49	28	6											83	86	2.6
4	49	37	21	6										113	114	3.4
5	49	41	30	18	6									144	143	4.3
6	49	43	35	26	16	6								175	172	5.2
7	49	44	38	31	23	14	6							205	199	6.0
8	49	44	40	34	28	20	13	6						234	227	6.9
9	49	45	41	36	31	25	19	12	6					264	256	7.7
10	49	46	42	38	34	29	23	18	12	6				297	287	8.6
38 - 3	55	30	6											91	96	2.6
4	55	41	23	6										125	126	3.4
5	55	45	33	19	6									158	157	4.3
6	55	48	39	28	17	6								193	190	5.2
7	55	49	42	34	25	15	6							226	220	6.0
8	55	49	44	38	31	22	14	6						259	252	6.9
9	55	50	46	40	35	28	20	13	6					293	286	7.7
10	55	51	47	42	38	32	26	19	12	6				328	319	8.6
40 - 3	61	33	6											100	106	2.6
4	61	46	25	6										138	140	3.4
5	61	50	36	20	6									173	174	4.3
6	61	53	43	31	18	6								212	210	5.2
7	61	54	46	38	27	16	6							248	242	6.0
8	61	55	49	42	34	24	14	6						285	279	6.9
9	61	56	51	45	38	30	22	14	6					323	315	7.8
10	61	56	52	47	41	35	28	20	13	6				359	351	8.6
42 - 3	68	36	6											110	116	2.6
4	68	50	27	6										151	153	3.4
5	68	55	40	22	6									191	191	4.3
6	68	58	47	34	19	6								232	230	5.2
7	68	60	51	41	30	17	6							273	267	6.0
8	68	61	54	46	37	26	15	6						313	306	6.9
9	68	62	56	49	42	33	24	14	6					354	346	7.7
10	68	62	58	52	46	39	30	22	13	6				396	387	8.6
11	68	63	58	53	48	43	36	28	20	13	6			436	426	9.5
44 - 4	75	55	29	6										165	168	3.4
5	75	61	44	23	6									209	210	4.3
6	75	64	51	37	20	6								253	252	5.2
7	75	66	56	45	32	18	6							298	292	6.0
8	75	67	59	50	40	28	16	6						341	334	6.9
9	75	68	61	54	46	36	25	15	6					386	378	7.7
10	75	69	63	57	50	42	33	23	14	6				432	423	8.6
11	75	69	64	58	53	46	39	30	22	13	6			475	465	9.5
46 - 4	82	60	31	6										179	183	3.4
5	82	66	48	25	6									227	229	4.3
6	82	70	56	40	22	6								276	275	5.2
7	82	72	61	49	34	19	6							323	317	6.0
8	82	74	65	55	44	30	17	6						373	366	6.9
9	82	75	67	59	50	39	27	16	6					421	413	7.7
10	82	76	69	62	54	46	35	25	15	6				470	461	8.6
11	82	76	70	64	58	51	42	33	23	14	6			519	509	9.5
48 - 4	89	65	33	6										193	197	3.4
5	89	72	51	27	6									245	247	4.3
6	89	76	61	43	23	6								298	298	5.2
7	89	78	66	53	37	20	6							349	343	6.0
8	89	80	70	59	47	32	18	6						401	394	6.9
9	89	81	73	64	54	42	29	16	6					454	447	7.7
10	89	82	75	67	59	49	38	27	16	6				508	499	8.6
11	89	83	77	69	62	54	46	35	24	14	6			559	550	9.4
12	89	83	78	72	65	58	50	42	32	23	14	6		612	597	10.3

Table 9--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 4	98	70	36	6										210	215	3.4
5	98	78	55	29	6									266	268	4.3
6	98	83	66	46	24	6								323	323	5.1
7	98	86	72	57	40	21	6							380	374	6.0
8	98	87	77	64	51	35	19	6						437	430	6.8
9	98	88	80	69	58	45	31	17	6					492	485	7.7
10	98	89	82	73	64	53	41	28	16	6				550	542	8.6
11	98	90	83	76	68	59	49	38	26	15	6			608	599	9.4
12	98	91	85	78	71	63	54	45	34	24	14	6		665	649	10.3
52 - 5	106	85	60	30	6									287	291	4.3
6	106	90	71	50	26	6								349	350	5.1
7	106	93	78	62	43	22	6							410	404	6.0
8	106	95	82	69	55	37	20	6						470	463	6.8
9	106	96	86	75	63	48	33	18	6					531	524	7.7
10	106	97	88	79	69	57	44	30	17	6				593	585	8.6
11	106	98	90	82	73	64	53	40	28	16	6			656	646	9.4
12	106	99	92	85	77	68	58	48	37	25	15	6		716	702	10.3
54 - 5	114	92	64	32	6									308	312	4.3
6	114	97	77	54	27	6								374	376	5.1
7	114	100	84	66	46	24	6							440	434	6.0
8	114	102	89	75	58	40	21	6						505	498	6.8
9	114	103	93	80	67	51	35	19	6					568	561	7.7
10	114	105	95	85	74	61	47	32	18	6				637	629	8.6
11	114	106	97	88	78	68	56	43	29	16	6			701	691	9.4
12	114	106	99	91	82	72	62	51	39	27	15	6		766	751	10.3
13	114	107	100	93	86	77	[illegible]	58	48	36	25	14	6	834	817	11.2
56 - 5	124	99	68	34	6									331	336	4.3
6	124	104	82	57	29	6								402	403	5.1
7	124	108	90	71	49	25	6							473	467	6.0
8	124	110	96	80	62	42	22	6						542	535	6.8
9	124	112	100	87	72	55	37	20	6					613	606	7.7
10	124	113	103	92	80	65	50	34	18	6				685	676	8.6
11	124	114	105	95	85	73	60	46	31	17	6			756	746	9.4
12	124	115	107	98	89	78	67	55	41	28	16	6		824	810	10.3
13	124	116	108	100	92	83	73	62	51	39	26	15	6	895	870	11.2
58 - 5	132	106	73	36	6									355	358	4.3
6	132	112	88	61	30	6								430	432	5.1
7	132	116	96	76	51	26	6							503	497	6.0
8	132	117	103	86	66	44	23	6						578	571	6.8
9	132	119	107	93	77	58	39	21	6					652	645	7.7
10	132	121	110	98	85	70	53	36	19	6				730	721	8.6
11	132	122	112	102	90	78	64	48	33	18	6			804	794	9.4
12	132	123	114	104	95	84	72	58	45	30	17	6		876	864	10.3
13	132	124	116	107	98	89	78	66	54	41	28	16	6	954	937	11.1
60 - 6	142	120	94	64	32	6								458	461	5.1
7	142	124	103	80	55	28	6							538	532	6.0
8	142	127	110	92	71	47	24	6						614	613	6.8
9	142	128	114	99	82	62	41	22	6					694	689	7.7
10	142	130	118	105	90	74	56	36	20	6				779	767	8.6
11	142	131	120	107	97	84	68	51	34	17	6			860	848	9.4
12	142	132	122	112	102	90	77	62	47	31	17	6		940	926	10.3
13	142	133	124	114	105	95	82	70	57	43	29	16	6	1017	1001	11.1
62 - 6	153	129	100	68	33	6								486	493	5.1
7	153	132	110	86	58	29	6							574	568	6.0
8	153	134	117	97	76	50	25	6						661	655	6.8
9	153	137	122	104	88	66	44	23	6					745	738	7.7
10	153	139	126	112	97	79	60	40	21	6				833	822	8.6
11	153	140	129	116	103	89	73	54	36	19	6			918	905	9.4
12	153	142	131	120	108	96	82	66	49	33	18	6		1004	989	10.3
13	153	142	132	123	113	102	88	75	61	46	30	17	6	1087	1070	11.1
64 - 6	162	136	106	73	35	6								518	524	5.1
7	162	141	117	91	61	30	6							608	602	6.0
8	162	144	125	104	80	53	26	6						700	694	6.8
9	162	146	130	113	92	70	46	23	6					789	783	7.7
10	162	148	134	119	103	84	63	42	22	6				883	870	8.6
11	162	150	137	124	110	94	77	57	38	20	6			975	962	9.4
12	162	151	139	127	115	102	86	70	52	34	18	6		1062	1048	10.3
13	162	152	141	131	120	108	94	79	64	48	32	17	6	1154	1137	11.1

FORM CLASS
73

Table 9--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
66 - 6	[illegible]	[illegible]	[illegible]	77	36	6								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
68 - 6	184	154	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	68	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	184	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	168	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.5
11	184	[illegible]	[illegible]	[illegible]	[illegible]	106	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.4
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.2
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	121	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
70 - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72 - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	171	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	191	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
74 - 6	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	120	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.6
10	[illegible]	[illegible]	[illegible]	159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.5
11	[illegible]	[illegible]	[illegible]	165	[illegible]	[illegible]	[illegible]	[illegible]	48	[illegible]	[illegible]			[illegible]	[illegible]	9.4
12	219	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.2
13	219	204	[illegible]	174	[illegible]	[illegible]	[illegible]	104	[illegible]	62	34	[illegible]	[illegible]	[illegible]	[illegible]	11.1
76 - 6	[illegible]	193	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	126	[illegible]	[illegible]	[illegible]							851	[illegible]	6.0
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	[illegible]	[illegible]	158	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	180	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	11.1
78 - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	215	[illegible]	152	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.6
10	[illegible]	[illegible]	[illegible]	[illegible]	151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	224	[illegible]	[illegible]	[illegible]	[illegible]	111	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.4
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.2
13	[illegible]	[illegible]	211	[illegible]	[illegible]	[illegible]	176	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
80 - 6	257	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								801	812	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	6							[illegible]	[illegible]	6.0
8	257	[illegible]	[illegible]	[illegible]	121	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	6.8
10	[illegible]	[illegible]	210	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				1217	[illegible]	7.6
11	[illegible]	[illegible]	215	[illegible]	[illegible]	[illegible]	116	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	8.5
12	[illegible]	[illegible]	218	200	[illegible]	[illegible]	132	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	9.4
13	[illegible]	[illegible]	222	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	[illegible]	[illegible]	6	1777	1749	11.0

Table 10--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	5	1.4
14 - 1	6													6	10	1.9
16 - 1	8													8	12	1.6
2	8	6												14	15	2.2
3	8	7	6											21	23	3.3
18 - 1	11													11	14	1.5
2	11	6												17	17	1.9
3	11	9	6											26	25	2.9
4	11	10	8	6										35	34	3.9
5	11	10	9	8	6									44	43	4.9
20 - 1	14													14	17	1.4
2	14	6												20	20	1.8
3	14	10	6											30	30	2.8
4	14	12	9	6										41	39	3.7
5	14	12	11	8	6									51	50	4.6
6	14	13	12	10	8	6								63	60	5.5
22 - 2	17	6												23	23	1.8
3	17	12	6											35	34	2.7
4	17	14	10	6										47	47	3.6
5	17	15	13	10	6									61	59	4.5
6	17	16	14	12	9	6								74	71	5.4
7	17	16	15	13	11	8	6							86	83	6.3
24 - 2	21	6												27	26	1.8
3	21	14	6											41	40	2.6
4	21	17	12	6										56	54	3.5
5	21	18	15	11	6									71	68	4.4
6	21	19	17	14	10	6								87	83	5.3
7	21	19	17	15	12	9	6							99	95	6.2
8	21	19	18	16	14	12	9	6						115	110	7.1
26 - 2	25	6												31	31	1.8
3	25	16	6											47	47	2.6
4	25	20	13	6										64	63	3.5
5	25	21	17	12	6									81	79	4.4
6	25	22	19	15	11	6								98	95	5.2
7	25	23	20	17	14	10	6							115	111	6.1
8	25	23	21	19	16	13	9	6						132	126	7.0
28 - 2	29	6												35	36	1.7
3	29	18	6											53	54	2.6
4	29	23	15	6										73	73	3.5
5	29	25	19	13	6									92	90	4.3
6	29	26	22	17	12	6								112	109	5.2
7	29	27	23	20	16	11	6							132	128	6.1
8	29	27	24	22	18	14	10	6						150	144	7.0
9	29	27	25	23	20	17	13	10	6					170	163	7.8
30 - 2	34	6												40	42	1.8
3	34	20	6											60	62	2.6
4	34	27	16	6										83	83	3.5
5	34	29	22	14	6									105	104	4.3
6	34	30	25	19	12	6								126	125	5.2
7	34	31	27	23	18	12	6							151	148	6.1
8	34	31	28	25	21	16	11	6						172	166	7.0
9	34	31	29	26	23	19	15	10	6					193	187	7.8
32 - 3	39	23	6											68	70	2.6
4	39	30	18	6										93	94	3.4
5	39	33	25	15	6									118	117	4.3
6	39	34	29	22	14	6								144	141	5.2
7	39	35	31	25	19	12	6							167	164	6.1
8	39	36	32	28	23	18	12	6						194	186	6.9
9	39	36	33	30	26	21	16	11	6					218	210	7.8

Table 10--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	45	26	6											77	80	2.6
4	45	34	20	6										105	107	3.4
5	45	37	28	17	6									133	133	4.3
6	45	39	32	24	15	6								161	159	5.2
7	45	40	35	29	21	13	6							189	186	6.1
8	45	41	36	31	26	19	12	6						216	209	6.9
9	45	41	38	33	29	23	18	12	6					245	236	7.8
10	45	41	39	35	31	27	22	17	11	6				274	265	8.7
36 - 3	50	28	6											84	87	2.6
4	50	38	22	6										116	117	3.4
5	50	41	31	18	6									146	145	4.3
6	50	44	36	27	16	6								179	176	5.2
7	50	45	39	31	23	14	6							208	202	6.0
8	50	46	41	35	29	21	13	6						241	234	6.9
9	50	46	42	37	32	26	19	12	6					270	262	7.8
10	50	47	43	39	35	30	24	18	12	6				304	294	8.6
38 - 3	56	31	6											93	97	2.6
4	56	42	23	6										127	130	3.4
5	56	46	34	19	6									161	161	4.3
6	56	49	40	29	17	6								197	195	5.2
7	56	50	43	35	26	15	6							231	225	6.0
8	56	51	45	39	31	23	14	6						265	258	6.9
9	56	51	47	41	36	28	21	13	6					299	291	7.8
10	56	52	48	44	39	33	26	19	12	6				335	326	8.6
11	56	53	49	45	41	36	30	24	18	12	6			370	360	9.5
40 - 3	63	34	6											103	108	2.6
4	63	47	25	6										141	145	3.4
5	63	51	38	21	6									179	179	4.3
6	63	54	44	32	18	6								217	215	5.2
7	63	56	48	39	28	16	6							256	250	6.0
8	63	57	50	43	35	25	15	6						294	287	6.9
9	63	57	52	46	39	31	22	14	6					330	322	7.8
10	63	58	53	48	43	36	29	21	13	6				370	361	8.6
11	63	58	54	50	45	40	33	27	19	12	6			407	398	9.5
42 - 3	70	38	6											114	119	2.6
4	70	51	28	6										155	158	3.4
5	70	57	41	22	6									196	196	4.3
6	70	60	48	35	19	6								238	237	5.2
7	70	62	53	42	30	17	6							280	274	6.0
8	70	63	55	47	38	27	16	6						322	314	6.9
9	70	63	58	51	43	34	24	14	6					363	355	7.8
10	70	64	59	53	47	40	31	22	14	6				406	396	8.6
11	70	65	60	55	50	44	37	29	20	13	6			449	439	9.5
44 - 4	77	56	30	6										169	173	3.4
5	77	62	45	24	6									214	215	4.3
6	77	66	53	38	21	6								261	260	5.2
7	77	68	58	46	33	18	6							306	300	6.0
8	77	69	61	52	41	29	16	6						351	344	6.9
9	77	70	63	55	47	37	26	15	6					396	388	7.8
10	77	71	65	58	51	43	34	24	14	6				443	434	8.6
11	77	72	66	60	54	48	40	31	22	14	6			490	479	9.5
46 - 4	84	61	32	6										183	189	3.4
5	84	68	49	26	6									233	234	4.3
6	84	72	57	41	22	6								282	281	5.2
7	84	74	62	50	35	19	6							330	324	6.0
8	84	76	66	56	44	31	17	6						380	373	6.9
9	84	77	69	60	51	40	28	16	6					431	423	7.8
10	84	78	71	63	55	46	36	26	15	6				480	471	8.6
11	84	78	72	66	59	51	43	33	23	14	6			529	520	9.5
12	84	78	73	67	62	55	48	40	30	22	13	6		578	567	10.4
48 - 4	92	66	34	6										198	202	3.4
5	92	74	53	28	6									253	254	4.3
6	92	78	62	44	23	6								305	305	5.2
7	92	81	68	54	38	20	6							359	353	6.0
8	92	82	72	61	48	33	18	6						412	405	6.9
9	92	84	75	66	55	43	30	17	6					468	459	7.8
10	92	85	77	69	60	50	39	27	16	6				521	512	8.6
11	92	85	78	72	64	56	47	36	25	15	6			576	566	9.5
12	92	86	80	74	67	60	52	43	33	23	14	6		630	618	10.3

Table 10--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 4	100	72	37	6										215	219	3.4
5	100	80	57	29	6									272	275	4.3
6	100	85	67	48	25	6								331	331	5.2
7	100	88	74	58	41	22	6							389	385	6.0
8	100	90	78	66	52	35	19	6						446	439	6.9
9	100	91	82	71	60	46	31	18	6					505	497	7.7
10	100	92	84	75	66	54	42	29	16	6				564	556	8.6
11	100	93	86	78	70	61	50	39	26	16	6			625	615	9.5
12	100	94	87	80	73	65	56	46	35	24	14	6		680	669	10.3
52 - 5	109	87	61	31	6									294	297	4.3
6	109	93	73	51	26	6								358	354	5.2
7	109	95	80	65	44	23	6							420	414	6.0
8	109	97	85	71	56	38	20	6						482	475	6.9
9	109	99	88	77	64	49	34	18	6					544	536	7.7
10	109	100	91	81	71	58	45	31	17	6				609	600	8.6
11	109	101	93	84	75	65	54	41	28	16	6			672	662	9.5
12	109	102	94	87	78	70	60	49	38	26	15	6		734	723	10.3
13	109	102	95	88	82	74	65	55	46	35	24	14	6	795	780	11.2
54 - 5	118	94	66	33	6									317	320	4.3
6	118	100	76	55	28	6								385	386	5.2
7	118	103	86	68	47	24	6							452	446	6.0
8	118	105	92	77	60	40	21	6						519	512	6.9
9	118	107	95	83	69	53	36	19	6					586	575	7.8
10	118	108	98	88	76	63	48	33	18	6				656	646	8.6
11	118	109	100	91	81	70	58	44	30	17	6			724	713	9.5
12	118	110	102	94	85	76	65	53	40	28	16	6		795	780	10.4
13	118	110	103	95	88	80	70	59	49	38	25	15	6	856	842	11.2
56 - 5	127	101	70	35	6									339	343	4.3
6	127	107	84	58	29	6								411	413	5.2
7	127	111	93	72	49	25	6							483	477	6.0
8	127	113	98	82	64	43	22	6						555	548	6.9
9	127	114	102	89	74	56	38	20	6					626	618	7.8
10	127	116	106	94	82	67	51	35	19	6				705	693	8.6
11	127	117	107	97	87	75	62	47	31	17	6			773	763	9.5
12	127	118	109	100	91	80	69	56	43	29	16	6		844	832	10.3
13	127	119	111	102	94	85	74	63	52	40	27	15	6	915	901	11.2
58 - 5	136	109	75	37	6									364	367	4.3
6	136	115	90	62	31	6								440	442	5.2
7	136	119	99	78	53	27	6							518	512	6.0
8	136	121	106	88	68	46	23	6						594	587	6.9
9	136	123	110	95	79	60	40	21	6					670	662	7.8
10	136	125	113	100	87	72	54	37	19	6				749	740	8.6
11	136	126	116	104	93	80	66	49	33	18	6			827	817	9.5
12	136	127	117	108	98	86	74	60	45	30	17	6		904	892	10.4
13	136	127	119	110	101	92	80	68	55	42	28	16	6	980	[illegible]	11.2
60 - 6	146	124	96	66	32	6								470	474	[illegible]
7	146	127	106	82	56	28	6							551	545	6.0
8	146	130	113	94	73	48	24	6						634	628	6.9
9	146	132	117	102	84	64	43	22	6					716	709	7.8
10	146	134	121	108	93	76	58	39	20	6				801	792	8.6
11	146	135	124	112	99	86	70	53	35	19	6			885	875	9.4
12	146	136	126	115	104	92	78	64	48	32	18	6		965	949	10.3
13	146	137	127	118	108	98	85	72	58	44	29	16	6	1044	1029	11.2
62 - 6	157	132	103	70	34	6								502	506	5.2
7	157	136	113	88	59	29	6							588	582	6.0
8	157	139	120	100	78	51	25	6						676	670	6.9
9	157	141	126	108	90	67	45	23	6					763	756	7.7
10	157	143	130	115	99	81	61	41	21	6				853	845	8.6
11	157	144	132	119	106	91	74	55	37	20	6			941	931	9.4
12	157	145	134	123	112	98	84	67	51	34	18	6		1026	1014	10.3
13	157	146	136	126	116	104	90	77	62	47	31	17	6	1115	1095	11.2
64 - 6	168	140	110	75	36	6								535	539	5.2
7	168	146	120	94	63	30	6							627	621	6.0
8	168	148	129	107	82	54	27	6						721	714	6.9
9	168	151	134	116	95	72	48	24	6					814	806	7.7
10	168	153	138	122	106	86	65	43	22	6				909	900	8.6
11	168	154	141	127	113	97	79	59	39	20	6			1003	993	9.4
12	168	156	144	131	119	105	89	72	53	35	19	6		1097	1082	10.3
13	168	156	146	134	124	111	96	82	66	49	32	18	6	1198	1171	11.2

Table 10--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.8
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.6
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.4
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.3
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	65	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	202	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	222	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	251	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	265	[illegible]	[illegible]	190	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	214	[illegible]	205	154	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	265	[illegible]	[illegible]	210	[illegible]	[illegible]	[illegible]	124	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1

Table 11--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	6	1.4
14 - 1	6													6	10	1.9
2	6	6												12	16	2.9
16 - 1	9													9	11	1.5
2	9	6												15	16	2.2
3	9	7	6											22	23	3.3
18 - 1	11													11	14	1.5
2	11	6												17	17	1.9
3	11	9	6											26	25	2.9
4	11	10	8	6										35	34	3.9
5	11	10	9	8	6									44	43	4.9
20 - 1	14													14	17	1.4
2	14	6												20	20	1.8
3	14	11	6											31	30	2.8
4	14	12	9	6										41	40	3.7
5	14	13	11	9	6									53	51	4.6
6	14	13	12	10	8	6								63	60	5.6
22 - 2	18	6												24	23	1.8
3	18	12	6											36	37	2.7
4	18	15	11	6										50	49	3.6
5	18	16	13	10	6									63	61	4.5
6	18	16	14	12	9	6								75	72	5.4
7	18	17	15	13	11	8	6							88	85	6.3
24 - 2	22	6												28	27	1.8
3	22	14	6											42	42	2.7
4	22	18	12	6										58	56	3.5
5	22	19	15	11	6									73	70	4.4
6	22	19	17	14	10	6								88	85	5.3
7	22	20	18	16	13	9	6							104	101	6.2
8	22	20	18	17	14	12	9	6						118	113	7.1
26 - 2	26	6												32	32	1.8
3	26	16	6											48	49	2.6
4	26	20	14	6										66	65	3.5
5	26	22	18	12	6									84	82	4.4
6	26	23	20	16	11	6								102	99	5.3
7	26	23	21	18	14	10	6							118	114	6.2
8	26	24	22	19	17	13	10	6						137	131	7.0
28 - 2	30	6												36	37	1.8
3	30	19	6											55	56	2.6
4	30	24	15	6										75	75	3.5
5	30	26	20	13	6									95	93	4.4
6	30	27	23	18	12	6								116	113	5.2
7	30	28	24	20	16	11	6							135	131	6.1
8	30	28	25	22	19	15	10	6						155	149	7.0
9	30	28	26	23	21	17	14	10	6					175	168	7.9
30 - 2	35	6												41	43	1.8
3	35	21	6											62	63	2.6
4	35	27	17	6										85	85	3.5
5	35	30	23	14	6									108	107	4.4
6	35	31	26	20	13	6								131	129	5.2
7	35	31	28	23	18	12	6							153	150	6.1
8	35	32	29	25	21	16	11	6						175	169	7.0
9	35	32	30	27	23	19	15	10	6					197	192	7.9
32 - 3	40	23	6											69	72	2.6
4	40	31	18	6										95	96	3.5
5	40	34	25	16	6									121	120	4.3
6	40	35	29	22	14	6								146	144	5.2
7	40	36	31	26	20	13	6							172	169	6.1
8	40	37	33	29	24	18	12	6						199	193	7.0
9	40	37	34	30	27	22	16	11	6					223	216	7.8

Table 11--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	46	26	6											78	81	2.6
4	46	35	20	6										107	109	3.5
5	46	38	28	17	6									135	135	4.3
6	46	40	33	24	15	6								164	163	5.2
7	46	41	35	29	22	14	6							193	189	6.1
8	46	42	37	32	27	20	12	6						222	216	7.0
9	46	42	39	34	30	24	18	12	6					251	244	7.8
10	46	43	39	36	32	28	22	17	11	6				280	272	8.7
36 - 3	52	29	6											87	90	2.6
4	52	39	22	6										119	121	3.4
5	52	43	32	18	6									151	152	4.3
6	52	45	37	27	16	6								183	183	5.2
7	52	46	40	32	24	15	6							215	212	6.1
8	52	47	42	36	29	22	13	6						247	240	6.9
9	52	48	43	39	33	27	19	12	6					279	272	7.8
10	52	48	44	40	36	30	24	18	12	6				310	300	8.7
38 - 3	58	32	6											96	100	2.6
4	58	[illegible]	[illegible]	[illegible]										[illegible]	134	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	58	50	41	30	17	6								202	202	5.2
7	58	51	44	36	26	16	6							237	234	6.1
8	58	53	47	40	32	23	14	6						273	266	6.9
9	58	53	48	43	36	29	21	13	6					307	299	7.8
10	58	54	49	45	40	34	27	20	12	6				345	336	8.7
11	58	54	60	46	42	37	31	25	18	12	6			379	369	9.5
40 - 3	65	35	6											106	111	2.6
4	65	48	26	6										145	149	3.5
5	65	53	39	21	6									184	186	4.3
6	65	55	45	33	18	6								222	223	5.2
7	65	57	49	40	29	17	6							263	261	6.1
8	65	58	52	44	35	25	15	6						300	294	6.9
9	65	59	53	47	40	32	23	14	6					339	331	7.8
10	65	60	55	49	44	37	29	21	13	6				379	370	8.7
11	65	60	56	51	46	41	34	27	19	12	6			417	408	9.6
42 - 3	72	38	6											116	122	2.6
4	72	53	28	6										159	163	3.4
5	72	58	42	23	6									201	201	4.3
6	72	62	49	36	20	6								245	245	5.2
7	72	63	54	43	31	18	6							287	281	6.1
8	72	65	57	48	39	28	16	6						331	323	6.9
9	72	65	59	52	44	35	24	15	6					372	364	7.8
10	72	66	61	55	48	40	32	23	14	6				417	407	8.7
11	72	66	62	56	51	45	38	29	21	13	6			459	448	9.5
44 - 4	79	58	30	6										173	178	3.4
5	79	64	46	24	6									219	222	4.3
6	79	67	54	39	21	6								266	267	5.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
9	79	72	65	57	48	38	27	16	6					408	398	7.8
10	79	73	66	60	53	44	34	24	14	6				453	444	8.7
11	79	73	68	62	55	49	41	32	22	14	6			501	491	9.5
12	79	74	69	64	58	52	45	38	29	21	13	6		548	536	10.4
46 - 4	87	63	33	6										189	194	3.4
5	87	70	50	26	6									239	243	4.3
6	87	74	59	42	22	6								290	292	5.2
7	87	76	64	51	36	20	6							340	334	6.1
8	87	78	68	58	46	32	18	6						393	385	6.9
9	87	78	71	62	52	41	28	16	6					441	433	7.8
10	87	80	73	65	57	48	37	26	15	6				494	485	8.7
11	87	80	74	67	61	53	44	34	24	14	6			544	534	9.5
12	87	81	75	69	63	57	49	41	31	22	13	6		594	583	10.4
48 - 4	95	68	35	[illegible]										[illegible]	211	[illegible]
5	95	76	54	28	[illegible]									[illegible]	[illegible]	4.3
6	95	80	64	45	24	6								314	314	5.2
7	95	83	70	55	39	21	6							[illegible]	[illegible]	6.0
8	95	85	74	62	49	34	19	[illegible]						423	416	[illegible]
9	95	86	77	[illegible]	57	44	30	17	6					470	[illegible]	[illegible]
10	95	87	80	71	62	52	40	28	16	6				537	528	[illegible]
11	95	88	81	74	66	58	48	37	25	15	6			[illegible]	583	[illegible]
12	95	88	82	[illegible]	[illegible]	62	[illegible]	[illegible]	[illegible]	23	14	[illegible]		[illegible]	[illegible]	10.4

Table 11--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	16 ft. logs
50 - 4	103	74	38	6										221	228	[illegible]
5	103	82	58	30	6									279	281	[illegible]
6	103	88	69	49	25	6								340	340	5.2
7	103	90	76	60	42	22	6							399	393	[illegible]
8	103	92	80	68	53	36	19	6						457	450	[illegible]
9	103	93	84	73	61	47	32	18	6					517	509	[illegible]
10	103	95	86	77	67	55	43	30	17	6				579	569	[illegible]
11	103	95	88	80	71	62	51	39	27	16	6			638	627	[illegible]
12	103	96	89	82	75	66	57	47	36	25	15	6		697	685	[illegible]
13	103	96	90	84	79	70	62	53	43	34	23	14	6	756	743	[illegible]
52 - 5	112	89	62	32	6									301	304	[illegible]
6	112	95	75	52	27	6								367	366	[illegible]
7	112	98	82	65	45	23	6							431	425	[illegible]
8	112	100	87	73	57	39	20	6						494	487	[illegible]
9	112	101	90	79	66	51	34	19	6					558	550	[illegible]
10	112	103	93	83	73	60	46	31	18	6				625	616	[illegible]
11	112	104	95	86	77	67	55	42	29	16	6			689	679	[illegible]
12	112	104	96	89	80	72	62	51	39	26	15	6		752	741	[illegible]
13	112	105	98	91	84	76	66	57	47	36	24	14	6	816	804	[illegible]
54 - 5	121	96	67	35	6									323	327	[illegible]
6	121	103	80	56	28	6								394	396	[illegible]
7	121	106	93	69	48	24	6							462	456	[illegible]
8	121	108	94	78	61	41	22	6						531	523	[illegible]
9	121	109	98	85	71	54	36	19	6					599	592	[illegible]
10	121	111	101	90	78	64	49	33	18	6				671	662	[illegible]
11	121	112	103	93	83	72	59	45	30	17	6			741	732	[illegible]
12	121	113	104	96	87	77	66	54	41	28	16	6		809	796	[illegible]
13	121	114	106	98	90	82	71	61	50	38	26	15	6	877	863	[illegible]
56 - 5	131	104	72	35	6									348	352	[illegible]
6	131	110	86	60	30	6								423	424	[illegible]
7	131	114	95	74	51	26	6							497	491	[illegible]
8	131	116	101	84	66	44	23	6						571	563	[illegible]
9	131	118	105	91	76	58	39	20	6					644	636	[illegible]
10	131	119	108	[illegible]	84	69	53	35	19	6				720	711	[illegible]
11	131	120	111	100	89	77	63	48	32	18	6			795	784	[illegible]
12	131	121	113	103	94	82	71	58	45	30	17	6		866	855	[illegible]
13	131	122	114	106	97	88	77	65	53	41	29	16	6	942	928	[illegible]
58 - 5	140	112	77	38	6									373	378	[illegible]
6	140	118	93	64	31	6								452	455	[illegible]
7	140	122	102	80	54	27	6							531	525	[illegible]
8	140	125	108	90	70	47	23	6						609	602	[illegible]
9	140	127	113	98	81	62	41	21	6					689	681	[illegible]
10	140	128	116	105	89	73	56	38	20	6				769	759	[illegible]
11	140	129	119	107	95	82	67	51	34	18	6			848	837	[illegible]
12	140	131	120	111	100	89	76	62	46	31	17	6		924	917	[illegible]
13	140	131	122	113	104	94	82	69	56	42	29	16	6	1005	991	[illegible]
60 - 6	151	127	99	67	33	6								483	484	[illegible]
7	151	131	109	85	57	28	6							567	561	[illegible]
8	151	134	116	96	75	49	24	6						651	645	[illegible]
9	151	136	120	104	87	65	43	22	6					734	728	[illegible]
10	151	137	124	111	95	78	59	40	21	6				822	812	8.6
11	151	139	127	115	102	88	72	54	35	19	6			907	897	[illegible]
12	151	140	129	119	107	95	80	65	49	33	18	6		992	979	[illegible]
13	151	140	131	121	112	100	87	74	60	46	30	17	6	1075	1061	[illegible]
62 - 6	161	135	106	72	35	6								515	518	5.2
7	161	140	116	90	61	30	6							604	598	[illegible]
8	161	143	124	103	79	52	26	6						694	687	[illegible]
9	161	145	129	112	92	69	46	23	6					783	775	[illegible]
10	161	147	133	119	102	83	63	42	22	6				877	867	[illegible]
11	161	148	136	122	109	94	76	57	39	20	6			967	957	[illegible]
12	161	149	138	127	114	101	86	69	51	34	18	6		1054	1043	[illegible]
13	161	151	140	129	119	107	93	76	63	48	31	17	6	1143	1129	11.2
64 - 6	172	144	112	76	36	6								546	551	5.2
7	172	149	124	95	64	31	6							642	636	6.0
8	172	153	132	109	84	55	27	6						738	731	[illegible]
9	172	155	138	119	98	73	46	24	6					833	826	7.8
10	172	157	142	125	108	88	66	44	22	6				931	922	8.6
11	172	158	145	131	116	99	80	60	39	21	6			1027	1016	[illegible]
12	172	160	147	134	122	107	91	73	54	36	19	6		1121	1109	[illegible]
13	172	160	149	138	127	114	99	84	67	51	33	18	6	1218	1205	11.2

Table 11--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 6	183	[illegible]	119	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible].2
7	183	[illegible]	132	112	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible].0
8	183	1?2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible].9
9	183	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]					[illegible]	[illegible]	[illegible].7
10	183	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]				[illegible]	[illegible]	[illegible].6
11	183	166	154	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible].5
12	183	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	1[illegible].3
13	183	[illegible]	[illegible]	146	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].2
68 - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
[illegible]	[illegible]	[illegible]	140	[illegible]	71	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
9	195	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	111	[illegible]	75	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	114	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.0
[illegible]	[illegible]	182	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
[illegible]	[illegible]	186	[illegible]	[illegible]	[illegible]	[illegible]	56	[illegible]	[illegible]					[illegible]	[illegible]	7.7
10	[illegible]	188	[illegible]	150	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]				[illegible]	[illegible]	8.6
11	207	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.4
12	207	191	[illegible]	[illegible]	[illegible]	[illegible]	108	[illegible]	[illegible]	41	21	[illegible]		[illegible]	[illegible]	10.3
13	[illegible]	192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38	[illegible]	[illegible]	[illegible]	[illegible]	11.2
72 - 6	219	183	141	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.[illegible]
7	219	189	156	120	[illegible]	37	6							[illegible]	[illegible]	6.[illegible]
8	219	193	[illegible]	137	105	[illegible]	32	[illegible]						[illegible]	[illegible]	6.[illegible]
9	[illegible]	196	174	[illegible]	[illegible]	[illegible]	54	28	[illegible]					[illegible]	[illegible]	7.[illegible]
10	[illegible]	[illegible]	[illegible]	159	[illegible]	110	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.[illegible]
11	219	201	184	165	146	[illegible]	109	74	48	24	6			1292	[illegible]	9.[illegible]
12	219	203	187	170	153	134	114	91	[illegible]	43	22	[illegible]		1408	[illegible]	10.[illegible]
13	219	204	189	174	160	143	124	104	83	62	39	20	[illegible]	1527	1510	11.[illegible]
74 - 6	232	193	149	99	[illegible]	[illegible]								725	733	5.1
7	232	200	165	126	83	39	[illegible]							851	845	6.0
8	232	204	[illegible]	[illegible]	[illegible]	71	33	[illegible]						[illegible]	971	6.[illegible]
9	232	208	184	158	[illegible]	[illegible]	62	30	[illegible]					[illegible]	[illegible]	7.[illegible]
10	232	211	190	168	144	116	86	55	[illegible]	6				1235	[illegible]	8.[illegible]
11	232	213	194	174	154	131	[illegible]	78	49	25	6			1362	[illegible]	9.4
12	232	214	197	180	162	142	120	96	70	45	23	[illegible]		[illegible]	[illegible]	10.3
13	232	216	200	184	168	151	130	110	87	65	41	21	6	[illegible]	[illegible]	11.1
76 - 6	245	204	[illegible]	104	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	245	212	174	133	87	[illegible]	[illegible]							[illegible]	[illegible]	6.0
8	245	216	186	153	[illegible]	[illegible]	34	[illegible]						1030	[illegible]	6.[illegible]
9	245	219	194	[illegible]	[illegible]	[illegible]	64	[illegible]	[illegible]					[illegible]	[illegible]	7.[illegible]
10	245	222	200	176	[illegible]	[illegible]	96	58	28	[illegible]				[illegible]	[illegible]	8.[illegible]
11	245	224	205	184	[illegible]	[illegible]	[illegible]	[illegible]	52	[illegible]	[illegible]			[illegible]	[illegible]	9.[illegible]
12	245	226	209	190	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	23	[illegible]		[illegible]	1548	10.[illegible]
13	245	228	212	194	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	22	[illegible]	[illegible]	[illegible]	11.[illegible]
78 - 6	258	215	165	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.1
7	258	222	183	140	92	42	[illegible]							[illegible]	[illegible]	6.0
8	258	228	196	160	122	78	[illegible]	[illegible]						1084	1078	6.8
9	258	231	204	175	143	106	[illegible]	32	[illegible]					1222	[illegible]	7.7
10	258	234	211	186	159	128	95	61	[illegible]	[illegible]				1367	1358	8.[illegible]
11	258	237	216	193	170	145	117	85	54	[illegible]	6			1508	1493	[illegible].4
12	258	239	219	200	180	158	132	106	77	49	24	6		1648	1631	10.3
13	258	240	222	204	187	168	144	121	96	71	44	22	6	1783	[illegible]	11.1
80 - 6	272	226	174	115	52	6								845	855	5.1
7	272	234	192	146	96	44	6							990	984	6.0
8	272	240	206	169	128	81	37	6						1139	1134	6.8
9	272	243	215	184	151	111	70	33	6					1285	1280	7.7
10	272	247	222	196	168	134	99	63	30	6				1437	1424	8.6
11	272	249	228	204	180	153	122	89	56	28	6			1587	1572	9.4
12	272	251	231	211	189	165	138	111	80	51	25	6		1730	1713	10.3
13	272	253	234	216	196	176	151	127	100	74	46	23	6	1874	1856	11.1

Table 12--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	6	1.5
14 - 1	6													6	10	1.9
2	6	6												12	15	2.8
16 - 1	9													9	11	1.5
2	9	6												15	16	2.2
3	9	8	6											23	24	3.3
4	9	8	7	6										30	31	4.3
18 - 1	12													12	14	1.5
2	12	6												18	18	1.9
3	12	9	6											27	26	2.9
4	12	10	8	6										36	35	3.9
5	12	11	10	8	6									47	46	4.9
20 - 1	15													15	17	1.4
2	15	6												21	21	1.9
3	15	11	6											32	31	2.8
4	15	13	10	6										44	43	3.7
5	15	13	11	9	6									54	52	4.6
6	15	14	12	11	8	6								66	64	5.6
22 - 2	18	6												24	24	1.8
3	18	13	6											37	37	2.7
4	18	15	11	6										50	49	3.6
5	18	16	13	10	6									63	61	4.5
6	18	17	15	12	9	6								77	74	5.4
7	18	17	16	14	11	9	6							91	88	6.3
24 - 2	22	6												28	27	1.8
3	22	15	6											43	42	2.7
4	22	18	12	6										58	56	3.5
5	22	19	16	11	6									74	72	4.4
6	22	20	17	14	10	6								89	86	5.3
7	22	20	18	16	13	9	6							104	101	6.2
8	22	20	19	17	15	12	9	6						120	115	7.1
26 - 2	27	6												33	32	1.8
3	27	17	6											50	50	2.7
4	27	21	14	6										68	67	3.5
5	27	23	18	12	6									86	84	4.4
6	27	24	20	16	11	6								104	101	5.3
7	27	24	22	18	15	10	6							122	119	6.2
8	27	24	22	20	17	14	10	6						140	136	7.1
9	27	25	23	21	19	16	13	9	6					159	153	8.0
28 - 2	31	6												37	38	1.8
3	31	19	6											56	57	2.6
4	31	24	15	6										76	76	3.5
5	31	27	20	13	6									97	95	4.4
6	31	28	23	18	12	6								118	115	5.3
7	31	28	25	21	16	11	6							138	134	6.2
8	31	29	26	23	19	15	10	6						159	153	7.0
9	31	29	27	24	21	18	14	10	6					180	173	7.9
30 - 3	36	22	6											64	65	2.6
4	36	28	17	6										87	87	3.5
5	36	30	23	15	6									110	109	4.4
6	36	32	27	20	13	6								134	132	5.2
7	36	32	28	24	18	12	6							156	153	6.1
8	36	33	30	26	22	17	11	6						181	175	7.0
9	36	33	30	28	24	20	15	10	6					202	196	7.9
32 - 3	41	24	6											71	73	2.6
4	41	31	19	6										97	98	3.5
5	41	34	26	16	6									123	122	4.4
6	41	36	30	23	14	6								150	148	5.2
7	41	37	32	27	20	13	6							176	173	6.1
8	41	38	34	29	24	18	12	6						202	196	7.0
9	41	38	35	31	27	22	17	11	6					228	221	7.8

Table 12--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	47	27	6											80	83	2.6
4	47	35	20	6										108	110	3.5
5	47	39	29	17	6									138	138	4.4
6	47	41	34	25	15	6								168	167	5.2
7	47	42	36	30	22	14	6							197	193	6.1
8	47	43	38	33	27	20	12	6						226	220	7.0
9	47	43	39	35	30	24	18	12	6					254	247	7.8
10	47	44	40	37	33	28	23	17	11	6				286	279	8.7
36 - 3	53	30	6											89	92	2.6
4	53	40	23	6										122	123	3.5
5	53	44	32	19	6									154	155	4.3
6	53	46	38	28	16	6								187	187	5.2
7	53	48	41	33	24	15	6							220	218	6.1
8	53	48	43	37	30	22	13	6						252	246	7.0
9	53	49	44	40	34	27	20	12	6					285	279	7.8
10	53	49	46	41	37	31	25	19	12	6				319	311	8.7
38 - 3	60	33	6											99	103	2.6
4	60	44	24	6										134	137	3.5
5	60	49	36	20	6									171	172	4.3
6	60	52	42	31	18	6								209	208	5.2
7	60	53	46	37	27	16	6							245	242	6.1
8	60	54	48	41	33	24	14	6						280	274	7.0
9	60	55	49	44	38	30	22	13	6					317	311	7.8
10	60	55	51	46	41	34	28	20	12	6				353	346	8.7
11	60	56	52	48	43	38	32	25	18	12	6			390	382	9.6
40 - 3	66	36	6											108	113	2.6
4	66	49	27	6										148	151	3.5
5	66	54	39	22	6									187	189	4.3
6	66	57	46	33	19	6								227	227	5.2
7	66	59	50	41	29	17	6							268	266	6.1
8	66	60	53	45	36	26	15	6						307	301	7.0
9	66	61	55	49	41	32	23	14	6					347	341	7.8
10	66	62	56	51	45	38	30	22	13	6				389	382	8.7
11	66	62	57	53	48	42	35	28	20	12	6			429	421	9.6
42 - 3	74	39	6											119	124	2.6
4	74	54	29	6										163	166	3.5
5	74	60	43	23	6									206	208	4.3
6	74	63	51	36	20	6								250	250	5.2
7	74	65	55	44	32	18	6							294	292	6.1
8	74	66	58	49	40	28	16	6						337	331	6.9
9	74	67	61	53	45	35	25	15	6					381	372	7.8
10	74	68	62	56	49	41	32	23	14	6				425	417	8.7
11	74	68	63	58	52	46	38	30	21	13	6			469	459	9.6
12	74	69	64	59	54	49	43	35	28	20	12	6		513	501	10.4
44 - 4	81	59	31	6										177	182	3.5
5	81	66	47	25	6									225	228	4.3
6	81	69	55	40	21	6								272	274	5.2
7	81	71	60	48	34	19	6							319	318	6.1
8	81	73	64	54	43	30	17	6						368	362	6.9
9	81	74	66	58	49	39	27	16	6					416	407	7.8
10	81	75	68	61	54	45	35	25	15	6				465	457	8.7
11	81	75	69	63	57	50	42	32	23	14	6			512	501	9.6
12	81	76	70	65	59	53	46	39	30	21	13	6		559	547	10.4
46 - 4	89	65	33	6										193	199	3.5
5	89	72	51	27	6									245	248	4.3
6	89	76	61	43	23	6								298	300	5.2
7	89	78	66	53	37	20	6							349	348	6.1
8	89	80	70	59	47	32	18	6						401	395	7.0
9	89	81	73	64	54	42	29	16	6					454	448	7.8
10	89	82	75	67	59	49	38	27	16	6				508	500	8.7
11	89	83	77	69	62	54	46	35	24	14	6			559	551	9.6
12	89	83	78	72	65	58	50	42	32	23	14	6		612	600	10.4

Table 12--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
48 - 4	98	70	36	6										210	217	3.5
5	98	78	55	29	6									266	269	4.3
6	98	83	66	46	24	6								323	325	5.2
7	98	86	72	57	40	21	6							380	381	6.1
8	98	87	77	64	51	35	19	6						437	431	6.9
9	98	88	80	69	58	45	31	17	6					492	484	7.8
10	98	89	82	73	64	53	41	28	16	6				550	541	8.7
11	98	90	83	76	68	59	49	38	26	15	6			608	598	9.6
12	98	91	85	78	71	63	54	45	34	24	14	6		663	651	10.4
50 - 4	106	76	38	6										226	234	3.4
5	106	85	60	30	6									287	292	4.3
6	106	90	71	50	26	6								349	352	5.2
7	106	93	78	62	43	22	6							410	404	6.1
8	106	95	82	69	55	37	20	6						470	462	6.9
9	106	96	86	75	63	48	33	18	6					531	523	7.8
10	106	97	88	79	69	57	44	30	17	6				593	584	8.7
11	106	98	90	82	73	64	53	40	28	16	6			656	645	9.5
12	106	99	92	85	77	68	58	48	37	25	15	6		706	704	10.4
13	106	99	93	86	80	72	63	54	44	34	23	14	6	774	761	11.2
52 - 5	115	92	64	32	6									309	315	4.3
6	115	98	77	53	27	6								376	380	5.2
7	115	100	84	66	46	24	6							441	435	6.1
8	115	103	89	75	58	40	21	6						507	499	6.9
9	115	104	93	81	67	52	35	19	6					572	564	7.8
10	115	105	96	85	74	61	47	32	18	6				639	630	8.7
11	115	106	98	88	79	68	56	43	29	17	6			705	694	9.5
12	115	107	99	91	82	74	63	52	39	27	16	6		771	758	10.4
13	115	108	100	93	86	78	68	58	48	37	25	14	6	836	823	11.3
54 - 5	124	99	69	34	6									332	338	4.3
6	124	105	82	57	29	6								403	407	5.2
7	124	108	90	71	49	25	6							473	475	6.1
8	124	111	96	80	63	42	22	6						544	536	6.9
9	124	112	100	87	73	55	37	20	6					614	606	7.8
10	124	114	103	92	80	66	50	34	18	6				687	677	8.7
11	124	114	106	95	85	74	60	46	31	17	6			758	747	9.5
12	124	116	107	98	89	79	67	55	42	28	16	6		827	815	10.4
13	124	116	108	100	93	84	73	62	51	39	26	15	6	897	883	11.3
56 - 5	134	107	74	36	6									357	364	4.3
6	134	113	89	61	30	6								433	438	5.2
7	134	117	98	77	52	26	6							510	512	6.1
8	134	120	104	87	67	45	23	6						586	578	6.9
9	134	121	108	94	78	59	40	21	6					661	652	7.8
10	134	123	112	99	86	71	54	36	19	6				740	730	8.7
11	134	124	114	103	92	79	65	49	33	18	6			817	806	9.5
12	134	125	116	106	96	85	73	59	44	30	17	6		891	878	10.4
13	134	126	117	108	100	90	78	67	54	41	28	16	6	965	950	11.3
58 - 5	144	114	79	39	6									382	389	4.3
6	144	122	95	65	32	6								464	467	5.2
7	144	126	105	82	55	28	6							546	540	6.1
8	144	128	112	93	72	48	24	6						627	619	6.9
9	144	130	116	100	83	63	42	22	6					706	697	7.8
10	144	132	119	106	92	75	57	38	20	6				789	779	8.7
11	144	133	122	110	98	85	69	52	34	19	6			872	861	9.5
12	144	134	124	114	103	91	78	63	47	32	17	6		953	941	10.4
13	144	135	126	116	107	96	84	71	58	44	29	16	6	1032	1019	11.2
60 - 6	155	130	102	69	34	6								496	499	5.2
7	155	134	112	87	58	29	6							581	575	6.0
8	155	137	119	99	77	51	25	6						669	662	6.9
9	155	139	124	107	89	67	44	23	6					754	746	7.8
10	155	141	128	114	98	80	61	40	21	6				844	834	8.6
11	155	142	131	118	105	90	74	55	36	19	6			931	921	9.5
12	155	144	132	122	110	97	82	67	50	33	18	6		1016	1004	10.4
13	155	144	134	124	114	103	89	76	61	46	30	17	6	1099	1086	11.2

Table 12--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	165	139	108	74	35	6								527	531	5.2
7	165	144	119	93	62	30	6							619	613	6.0
8	165	146	127	106	81	53	26	6						710	703	6.9
9	165	148	132	114	94	71	47	24	6					801	793	7.8
10	165	151	136	121	104	85	64	43	22	6				897	887	8.6
11	165	152	140	126	112	96	78	58	38	20	6			991	981	9.5
12	165	153	142	130	117	103	88	71	53	35	19	6		1082	1070	10.4
13	165	154	144	132	122	110	95	80	65	49	32	17	6	1171	1158	11.2
64 - 6	176	148	115	78	37	6								560	564	5.2
7	176	153	127	98	66	32	6							658	652	6.0
8	176	156	135	112	86	56	28	6						755	747	6.9
9	176	158	141	122	100	75	49	24	6					851	844	7.8
10	176	160	145	129	111	90	68	45	23	6				953	943	8.6
11	176	162	148	134	119	102	82	62	40	21	6			1052	1041	9.5
12	176	163	151	138	125	110	93	75	55	37	19	6		1148	1136	10.4
13	176	165	153	141	129	117	101	85	68	51	33	18	6	1243	1230	11.2
66 - 6	189	158	122	82	39	6								596	601	5.2
7	189	163	135	104	69	33	6							699	693	6.0
8	189	167	144	119	92	59	29	6						805	797	6.9
9	189	169	151	129	107	80	52	26	6					909	900	7.8
10	189	171	156	137	118	96	72	47	24	6				1016	1007	8.6
11	189	174	158	142	127	108	88	65	42	22	6			1121	1111	9.5
12	189	175	161	147	133	117	99	80	59	39	20	6		1225	1212	10.4
13	189	176	163	151	138	124	107	90	73	54	35	19	6	1325	1311	11.2
68 - 6	200	168	130	87	41	6								632	637	5.2
7	200	174	143	110	73	35	6							741	735	6.0
8	200	177	153	126	96	62	30	6						850	843	6.9
9	200	180	160	137	113	84	55	27	6					962	954	7.8
10	200	182	165	146	125	102	76	49	24	6				1075	1067	8.6
11	200	184	168	151	134	114	93	68	44	23	6			1185	1175	9.5
12	200	186	171	156	141	124	104	84	62	40	21	6		1295	1283	10.4
13	200	186	174	160	146	132	114	96	77	57	37	19	6	1404	1391	11.2
70 - 6	213	178	137	92	43	6								669	675	5.2
7	213	184	152	117	77	36	6							785	779	6.0
8	213	188	162	133	102	66	31	6						901	894	6.9
9	213	190	169	145	119	88	57	28	6					1015	1008	7.8
10	213	193	174	154	132	107	80	52	26	6				1137	1127	8.6
11	213	195	178	160	142	121	98	72	46	23	6			1254	1244	9.5
12	213	196	181	165	149	131	110	88	65	42	22	6		1368	1356	10.3
13	213	198	184	169	155	139	120	101	80	60	39	20	6	1484	1470	11.2
72 - 6	225	188	145	97	45	6								706	713	5.2
7	225	194	160	123	81	38	6							827	821	6.0
8	225	199	171	141	107	69	32	6						950	944	6.9
9	225	201	179	153	126	93	60	29	6					1072	1065	7.7
10	225	204	184	162	140	113	84	54	27	6				1199	1189	8.6
11	225	207	189	169	150	128	103	76	48	24	6			1325	1315	9.5
12	225	208	192	175	158	138	116	93	68	44	22	6		1445	1433	10.3
13	225	209	194	179	164	147	127	107	85	63	40	20	6	1566	1548	11.2
74 - 6	238	198	153	102	47	6								744	752	5.2
7	238	205	169	129	85	40	6							872	866	6.0
8	238	210	181	148	113	72	34	6						1002	995	6.9
9	238	213	189	162	132	98	63	30	6					1131	1124	7.7
10	238	216	195	172	147	119	88	57	28	6				1266	1257	8.6
11	238	218	199	179	158	134	108	80	51	25	6			1396	1386	9.5
12	238	220	202	185	166	146	122	98	71	46	23	6		1523	1511	10.3
13	238	222	205	189	173	155	133	112	89	66	42	21	6	1651	1632	11.2
76 - 6	252	210	161	107	49	6								785	794	5.2
7	252	218	179	136	89	41	6							921	915	6.0
8	252	222	191	157	119	76	35	6						1058	1052	6.9
9	252	225	200	171	140	103	66	31	6					1194	1188	7.7
10	252	228	206	182	156	126	93	59	29	6				1337	1328	8.6
11	252	231	211	189	167	142	114	84	53	26	6			1475	1465	9.5
12	252	233	214	196	176	154	129	103	75	48	24	6		1610	1598	10.3
13	252	234	218	200	182	164	141	118	94	69	44	22	6	1744	1725	11.2

Table 12--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
78 - 6	266	221	170	113	51	6								827	836	5.2
7	266	229	188	144	94	43	6							970	964	6.0
8	266	234	201	165	125	80	36	6						1113	1107	6.9
9	266	237	210	180	147	108	69	32	6					1255	1248	7.7
10	266	240	217	191	163	131	97	62	30	6				1403	1394	8.6
11	266	243	222	199	176	149	120	87	55	27	6			1550	1540	9.5
12	266	245	226	205	185	162	136	108	78	50	24	6		1691	1679	10.3
13	266	247	229	210	192	172	148	124	98	72	46	23	6	1833	1813	11.2
80 - 6	280	233	178	118	53	6								868	879	5.2
7	280	240	198	151	98	44	6							1017	1011	6.0
8	280	246	212	174	131	83	38	6						1170	1164	6.9
9	280	249	221	189	154	113	72	33	6					1317	1311	7.7
10	280	254	228	201	171	138	102	65	30	6				1475	1466	8.6
11	280	256	234	209	184	157	126	91	57	28	6			1628	1618	9.4
12	280	258	237	216	194	170	142	113	82	52	25	6		1775	1758	10.3
13	280	260	240	221	202	181	156	130	103	76	47	23	6	1925	1907	11.2

FORM CLASS 77

Table 13--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	6	1.6
14 - 1	7													7	11	1.9
2	7	6												13	16	2.7
16 - 1	9													9	12	1.5
2	9	6												15	15	2.2
3	9	8	6											23	24	3.3
4	9	8	[illegible]	6										[illegible]	31	4.3
18 - 1	12													12	15	1.5
2	12	6												18	18	2.0
3	12	9	6											27	26	2.9
4	12	11	8	6										37	36	3.9
5	12	11	10	8	6									47	46	4.9
20 - 1	15													15	17	1.4
2	15	6												21	21	1.9
3	15	11	6											32	31	2.8
4	15	13	10	6										44	43	3.7
5	15	14	12	9	6									56	54	4.7
6	15	14	12	11	8	6								66	65	5.6
22 - 2	19	6												25	24	1.8
3	19	13	6											38	38	2.7
4	19	16	11	7										[illegible]	51	3.6
5	19	17	14	10	6									66	64	4.5
6	19	17	15	12	9	6								78	76	5.4
7	19	17	16	14	12	9	6							[illegible]	[illegible]	6.3
24 - 2	23	6												29	29	1.8
3	23	15	6											44	42	2.7
4	23	18	12	6										59	58	3.6
5	23	20	16	11	6									76	74	4.5
6	23	20	18	14	10	6								91	89	5.4
7	23	21	19	16	13	10	6							108	104	6.3
8	23	21	19	18	15	12	9	6						123	118	7.2
26 - 2	27	6												33	32	1.8
3	27	17	6											50	50	2.7
4	27	22	14	6										69	68	3.5
5	27	23	18	12	6									86	84	4.4
6	27	24	20	16	11	6								104	101	5.3
7	27	25	22	19	15	10	6							124	122	6.2
8	27	25	23	20	17	14	10	6						142	138	7.1
9	27	25	23	21	19	16	13	9	6					159	153	8.0
28 - 2	32	6												38	38	1.8
3	32	19	6											57	54	2.7
4	32	25	16	6										79	[illegible]	3.5
5	32	27	21	14	6									100	98	4.4
6	32	28	24	18	12	6								120	117	5.3
7	32	29	25	22	17	11	6							142	138	6.2
8	32	30	27	23	20	15	10	6						163	157	7.0
9	32	30	28	25	22	18	14	10	6					185	178	7.9
30 - 3	37	22	6											65	66	2.6
4	37	29	17	6										89	89	3.5
5	37	31	24	15	6									113	112	4.4
6	37	33	27	21	13	6								137	135	5.3
7	37	33	29	24	19	12	6							160	157	6.2
8	37	34	30	27	22	17	11	6						184	178	7.0
9	37	34	31	28	25	20	16	11	6					208	201	7.9
32 - 3	43	24	6											73	76	2.6
4	43	32	19	6										100	101	3.5
5	43	35	27	16	6									127	126	4.4
6	43	37	31	23	14	6								154	152	5.2
7	43	38	33	28	20	13	6							181	178	6.1
8	43	39	35	30	25	18	12	6						208	202	7.0
9	43	39	36	32	28	23	17	11	6					235	228	7.9
10	43	40	37	33	30	26	21	16	11	6				263	254	8.8

Table 13--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	49	28	6											83	86	2.6
4	49	37	21	6										113	115	3.5
5	49	40	30	18	6									143	143	4.4
6	49	42	35	26	16	6								174	172	5.2
7	49	43	38	31	23	14	6							204	201	6.1
8	49	44	39	34	28	20	13	6						233	227	7.0
9	49	45	41	36	31	25	19	12	6					264	257	7.9
10	49	45	42	38	34	29	23	18	11	6				295	287	8.8
36 - 3	55	30	6											91	95	2.6
4	55	41	23	6										125	127	3.5
5	55	45	33	19	6									158	159	4.4
6	55	48	39	28	17	6								193	192	5.2
7	55	49	42	34	25	15	6							226	224	6.1
8	55	49	44	38	31	22	14	6						259	253	7.0
9	55	50	46	40	35	28	20	13	6					293	286	7.8
10	55	51	47	42	38	32	26	19	12	6				328	320	8.7
38 - 3	62	33	6											101	106	2.6
4	62	46	25	6										139	142	3.5
5	62	51	37	20	6									176	177	4.4
6	62	53	43	31	18	6								213	212	5.2
7	62	55	47	38	28	16	6							252	250	6.1
8	62	55	49	42	34	24	14	6						286	280	7.0
9	62	56	51	45	39	30	22	14	6					325	318	7.9
10	62	57	52	48	42	35	28	20	13	6				363	356	8.7
11	62	57	53	49	44	39	33	26	19	12	6			400	391	9.6
40 - 3	68	37	6											111	115	2.6
4	68	50	27	6										151	155	3.5
5	68	56	40	22	6									192	194	4.4
6	68	59	48	34	19	6								234	235	5.2
7	68	61	51	41	30	17	6							274	273	6.1
8	68	62	54	46	37	26	15	6						314	308	7.0
9	68	62	56	50	42	33	24	14	6					355	349	7.9
10	68	63	58	52	46	39	30	22	14	6				398	390	8.7
11	68	64	59	54	49	43	36	28	20	13	6			440	432	9.6
42 - 3	76	40	6											122	128	2.6
4	76	55	29	6										166	170	3.5
5	76	61	44	24	6									211	213	4.3
6	76	65	52	35	20	6								254	258	5.2
7	76	66	57	46	32	18	6							301	302	6.1
8	76	68	60	51	41	28	16	6						346	340	7.0
9	76	69	62	55	46	36	26	15	6					391	384	7.9
10	76	70	64	57	51	42	33	24	14	6				437	428	8.7
11	76	71	65	59	53	47	38	30	22	13	6			480	471	9.6
12	76	71	66	61	56	50	43	36	28	20	12	6		525	516	10.4
44 - 4	84	61	32	6										183	189	3.5
5	84	67	48	25	6									230	233	4.3
6	84	71	57	41	22	6								281	282	5.2
7	84	74	62	50	35	19	6							330	330	6.1
8	84	75	66	55	44	31	17	6						378	372	7.0
9	84	76	68	60	51	39	28	16	6					428	421	7.8
10	84	77	70	63	55	46	36	25	15	6				477	468	8.7
11	84	78	72	65	58	51	43	33	24	14	6			528	519	9.6
12	84	78	73	67	61	55	47	39	30	22	13	6		575	566	10.4
46 - 4	92	66	34	6										198	204	3.5
5	92	74	52	27	6									251	255	4.3
6	92	75	62	44	23	6								305	307	5.2
7	92	80	68	54	38	20	6							358	358	6.1
8	92	82	72	61	48	33	18	6						412	406	7.0
9	92	83	75	65	55	43	30	17	6					466	459	7.8
10	92	84	77	69	60	50	39	27	16	6				520	512	8.7
11	92	85	78	71	64	55	46	36	25	15	6			573	564	9.6
12	92	85	80	73	66	59	51	43	33	23	14	6		625	615	10.5

FORM CLASS 77

Table 13--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
48 - 4	100	72	37	6										215	[illegible]	[illegible]
5	100	80	57	[illegible]	6									[illegible]	[illegible]	[illegible]
6	100	[illegible]	67	48	25	6								331	[illegible]	[illegible]
7	100	88	[illegible]	58	41	22	6							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	76	[illegible]	52	25	14	6						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	82	[illegible]	60	40	[illegible]	10	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	94	[illegible]	66	54	[illegible]	29	16	6				[illegible]	[illegible]	8.7
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
50 - 5	[illegible]	[illegible]	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	6							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	[illegible]
9	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	6				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	[illegible]	6			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	[illegible]	38	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
52 - 5	[illegible]	[illegible]	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	118	100	78	55	28	6								[illegible]	[illegible]	[illegible]
7	118	[illegible]	86	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	[illegible]
8	118	[illegible]	92	[illegible]	[illegible]	40	21	6						[illegible]	[illegible]	[illegible]
9	118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	[illegible]	[illegible]
10	118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	6				[illegible]	[illegible]	[illegible]
11	118	[illegible]	[illegible]	[illegible]	81	70	[illegible]	[illegible]	30	[illegible]	6			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65	[illegible]	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
13	[illegible]	110	[illegible]	[illegible]	88	80	70	[illegible]	49	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
54 - 5	[illegible]	102	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	[illegible]
8	[illegible]	114	[illegible]	[illegible]	[illegible]	43	[illegible]	6						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38	[illegible]	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	106	[illegible]	[illegible]	[illegible]	[illegible]	25	19	6				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	87	[illegible]	[illegible]	[illegible]	31	18	6			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	92	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	95	86	75	[illegible]	52	40	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
56 - 5	[illegible]	[illegible]	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	91	[illegible]	31	6								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	53	[illegible]	6							[illegible]	[illegible]	[illegible]
8	138	[illegible]	[illegible]	[illegible]	64	46	[illegible]	6						[illegible]	[illegible]	[illegible]
9	138	124	111	[illegible]	80	60	[illegible]	21	6					[illegible]	[illegible]	[illegible]
10	138	[illegible]	114	102	68	[illegible]	[illegible]	[illegible]	19	6				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	117	[illegible]	94	81	[illegible]	[illegible]	33	18	6			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	119	108	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	6		[illegible]	[illegible]	[illegible]
13	[illegible]	129	120	111	[illegible]	[illegible]	[illegible]	[illegible]	55	42	28	[illegible]	6	[illegible]	[illegible]	[illegible]
58 - 5	148	[illegible]	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	148	[illegible]	[illegible]	[illegible]	[illegible]	6								[illegible]	[illegible]	[illegible]
7	148	[illegible]	[illegible]	84	56	28	6							[illegible]	[illegible]	[illegible]
8	148	[illegible]	114	[illegible]	74	[illegible]	24	6						[illegible]	[illegible]	[illegible]
9	148	[illegible]	[illegible]	[illegible]	86	65	43	[illegible]	6					[illegible]	[illegible]	[illegible]
10	148	136	[illegible]	[illegible]	94	[illegible]	58	39	20	6				810	803	[illegible]
11	148	137	[illegible]	[illegible]	101	87	71	53	35	19	6			896	885	9.6
12	148	138	[illegible]	117	106	[illegible]	80	[illegible]	48	32	18	6		978	[illegible]	10.4
13	148	138	129	119	110	[illegible]	86	73	59	45	30	16	6	1058	1044	[illegible]
60 - 6	159	134	104	71	34	6								508	515	5.2
7	159	138	115	89	60	30	6							597	600	6.1
8	159	141	122	102	78	51	25	6						684	677	6.9
9	159	143	127	[illegible]	91	68	45	23	6					[illegible]	764	7.8
10	159	145	131	117	100	82	62	41	21	6				864	854	8.7
11	159	146	134	121	107	93	75	56	37	20	6			954	[illegible]	9.5
12	159	147	136	125	113	100	85	68	51	34	18	6		1042	1030	10.4
13	159	148	138	127	117	106	92	78	62	48	31	17	6	1129	1115	11.3

Table 13--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
78 - 6	273	227	174	116	52	6								848	858	5.2
7	273	235	193	147	96	44	6							994	988	6.0
8	273	240	207	169	128	81	37	6						1141	1134	6.9
9	273	244	216	185	151	111	70	33	6					1289	1282	7.8
10	273	248	222	196	168	135	100	63	3	6				1441	1432	8.6
11	273	250	228	204	180	153	123	89	56	28	6			1590	1579	9.5
12	273	252	232	211	189	166	139	111	80	51	25	6		1735	1722	10.4
13	273	254	235	216	197	176	152	127	101	74	46	23	6	1880	1866	11.2
80 - 7	287	248	203	155	100	46	6							1045	1039	6.0
8	287	253	218	178	134	85	39	6						1200	1193	6.9
9	287	256	227	194	158	116	74	34	6					1352	1345	7.8
10	287	260	234	206	176	141	104	66	31	6				1511	1502	8.6
11	287	263	240	214	189	160	129	93	58	28	6			1667	1657	9.5
12	287	265	244	222	199	174	146	116	84	53	26	6		1822	1809	10.3
13	287	266	248	227	208	186	159	133	106	78	48	24	6	1976	1961	11.2

Table 13--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.8
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.7
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.5
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.4
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.2
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	58	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	57	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.8
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.7
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.5
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.4
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.3
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	815	[illegible]
9	[illegible]	174	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68 - 6	206	172	133	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	206	178	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	206	182	153	[illegible]	[illegible]	[illegible]	30	[illegible]						[illegible]	[illegible]	[illegible]
9	206	185	164	141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	187	169	[illegible]	129	[illegible]	[illegible]	51	[illegible]	[illegible]				1105	[illegible]	[illegible]
11	[illegible]	189	[illegible]	156	138	117	[illegible]	70	[illegible]	[illegible]	[illegible]			[illegible]	1208	[illegible]
12	206	190	176	160	144	127	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1327	1315	10.4
13	206	192	[illegible]	164	151	135	117	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	1441	[illegible]	[illegible]
70 - 6	218	182	140	94	44	[illegible]								[illegible]	[illegible]	5.2
7	218	189	156	119	79	37	6							804	798	6.0
8	218	192	[illegible]	137	104	67	[illegible]	[illegible]						922	914	[illegible]
9	218	[illegible]	174	149	122	90	58	28	[illegible]					1041	1034	7.8
10	218	198	179	158	[illegible]	[illegible]	82	[illegible]	[illegible]	[illegible]				[illegible]	1156	8.6
11	218	200	[illegible]	[illegible]	145	124	100	74	47	[illegible]	6			1286	1275	9.5
12	218	202	186	170	153	134	113	90	[illegible]	43	22	6		1403	1390	10.4
13	218	204	189	174	[illegible]	142	[illegible]	104	82	62	39	[illegible]	6	1522	1509	11.2
72 - 6	231	192	148	99	46	6								722	728	5.2
7	231	200	165	126	82	39	6							[illegible]	842	6.0
8	231	204	[illegible]	144	[illegible]	70	33	6						974	967	6.9
9	231	207	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	6					[illegible]	1092	7.8
10	231	[illegible]	[illegible]	167	143	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.6
11	231	212	193	[illegible]	[illegible]	131	[illegible]	78	[illegible]	[illegible]	[illegible]			1358	[illegible]	9.5
12	231	213	[illegible]	180	[illegible]	[illegible]	[illegible]	95	70	45	[illegible]	[illegible]		[illegible]	[illegible]	10.4
13	231	215	200	183	[illegible]	151	130	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	1592	11.2
74 - 6	245	204	157	104	48	6								764	771	5.2
7	245	212	174	133	87	40	6							[illegible]	891	6.0
8	245	216	186	153	116	74	34	6						1030	1023	6.9
9	245	219	194	166	136	100	64	30	[illegible]					1160	1153	7.8
10	245	222	200	176	151	122	90	58	28	6				[illegible]	1289	8.6
11	245	224	205	184	162	138	112	82	[illegible]	[illegible]	6			1436	1425	9.5
12	245	226	208	190	170	150	126	100	73	[illegible]	23	6		1564	1552	10.4
13	245	228	212	194	178	159	137	115	92	[illegible]	[illegible]	22	6	1698	1683	11.2
76 - 6	258	215	165	110	49	6								803	812	5.2
7	258	222	183	140	92	42	6							943	937	6.0
8	258	228	196	160	122	78	36	6						1084	1077	6.9
9	258	231	204	175	143	106	67	32	6					1222	1215	7.8
10	258	234	211	186	159	128	95	61	29	6				1367	1357	8.6
11	258	237	216	193	170	145	117	85	54	27	6			1508	1497	9.5
12	258	239	219	200	180	158	132	106	77	49	24	6		1648	1636	10.4
13	258	240	221	204	187	168	144	121	96	71	44	22	6	1783	1770	11.2

Table 14--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	0													0	6	1.7
14 - 1	7													7	11	1.9
2	7	6												13	15	2.7
16 - 1	10													10	12	1.5
2	10	6												16	16	2.2
3	10	8	6											24	25	3.2
4	10	9	7	6										32	33	4.3
18 - 1	12													12	15	1.5
2	12	6												18	18	2.0
3	12	10	6											28	27	2.9
4	12	11	8	6										37	36	3.9
5	12	11	10	8	6									47	46	4.9
20 - 1	16													16	18	1.4
2	16	6												22	22	1.9
3	16	11	6											33	32	2.8
4	16	13	10	6										45	44	3.7
5	16	14	12	9	6									57	55	4.7
6	16	14	13	11	8	6								68	67	5.6
22 - 2	19	6												25	26	1.8
3	19	13	6											38	38	2.7
4	19	16	11	6										52	51	3.6
5	19	17	14	10	6									66	64	4.5
6	19	18	16	13	9	6								81	80	5.5
7	19	18	16	14	12	9	6							94	91	6.4
8	19	18	17	15	13	11	8	6						107	104	7.3
24 - 2	23	6												29	28	1.8
3	23	15	6											44	44	2.7
4	23	19	13	6										61	60	3.6
5	23	20	16	11	6									76	74	4.5
6	23	21	18	15	10	6								93	90	5.4
7	23	22	19	17	14	10	6							111	107	6.3
8	23	22	20	18	16	12	9	6						126	121	7.2
9	23	22	20	19	17	14	12	9	6					142	137	8.1
26 - 2	28	6												34	33	1.8
3	28	18	6											52	51	2.7
4	28	22	14	6										70	69	3.5
5	28	24	19	12	6									89	87	4.4
6	28	25	21	17	11	6								108	107	5.3
7	28	25	23	19	15	11	6							127	124	6.2
8	28	26	23	21	18	14	10	6						146	142	7.1
9	28	26	24	22	19	16	13	9	6					163	157	8.0
28 - 2	33	6												39	39	1.8
3	33	20	6											59	60	2.6
4	33	25	16	6										80	80	3.5
5	33	28	22	14	6									103	101	4.4
6	33	29	24	19	12	6								123	120	5.3
7	33	30	26	22	17	11	6							145	141	6.2
8	33	30	27	24	20	16	11	6						167	163	7.1
9	33	30	28	25	22	18	14	10	6					186	180	8.0
30 - 2	38	6												44	45	1.8
3	38	23	6											67	68	2.6
4	38	29	18	6										91	91	3.5
5	38	32	24	15	6									115	114	4.4
6	38	33	28	21	13	6								139	137	5.3
7	38	34	30	25	19	12	6							164	161	6.2
8	38	35	31	28	23	17	11	6						189	186	7.1
9	38	35	32	29	25	21	16	11	6					213	207	8.0
10	38	35	33	30	27	23	19	15	10	6				236	230	8.8
32 - 3	44	25	6											75	78	2.6
4	44	33	19	6										102	103	3.5
5	44	36	28	16	6									130	124	4.4
6	44	39	32	24	15	6								160	157	5.3
7	44	39	34	28	21	13	6							185	182	6.2
8	44	40	36	31	26	19	12	6						214	203	7.0
9	44	40	37	33	29	23	18	12	6					242	234	7.9
10	44	41	38	34	31	27	22	16	11	6				270	262	8.8

FORM CLASS
78

Table 14--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	[illegible]	28	6											84	87	2.6
4	[illegible]	[illegible]	[illegible]	6										[illegible]	[illegible]	3.5
5	[illegible]	41	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
36 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.6
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
5	[illegible]	[illegible]	[illegible]	[illegible]	6									[illegible]	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.6
38 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.6
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
6	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.6
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.5
40 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.6
4	70	52	[illegible]	[illegible]										[illegible]	[illegible]	3.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
6	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.6
12	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.5
42 - 4	78	[illegible]	[illegible]	[illegible]										[illegible]	175	3.5
5	78	63	[illegible]	[illegible]	6									217	219	4.4
6	78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	78	[illegible]	58	[illegible]	[illegible]	18	[illegible]							[illegible]	308	6.1
8	78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	78	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	78	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	[illegible]			[illegible]	[illegible]	9.6
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.5
44 - 4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			541	[illegible]	9.6
12	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]		[illegible]	580	10.5
46 - 4	94	[illegible]	[illegible]	[illegible]										[illegible]	208	3.5
5	94	[illegible]	[illegible]	28	[illegible]									[illegible]	262	4.4
6	94	80	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
7	94	82	[illegible]	55	[illegible]	21	[illegible]							[illegible]	[illegible]	6.1
8	94	84	74	62	[illegible]	[illegible]	18	[illegible]						421	415	7.0
9	94	85	77	67	[illegible]	[illegible]	30	17	6					476	469	7.9
10	94	86	79	71	62	51	40	28	16	[illegible]				533	524	8.8
11	94	87	80	73	66	57	48	36	25	15	[illegible]			587	578	9.6
12	94	[illegible]	82	75	68	[illegible]	53	[illegible]	33	23	14	6		641	632	10.5

Table 14--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
48 - 4	103	74	38	6										221	227	[illegible]
5	103	82	58	30	6									279	283	[illegible]
6	103	87	69	49	25	6								339	341	[illegible]
7	103	90	76	60	41	22	6							398	398	[illegible]
8	103	92	80	67	53	36	19	6						456	459	[illegible]
9	103	93	83	73	61	47	32	18	6					516	509	[illegible]
10	103	94	86	77	67	55	43	30	17	6				578	569	[illegible]
11	103	95	87	80	71	62	51	39	27	16	6			637	628	[illegible]
12	103	95	89	82	75	66	57	47	36	25	15	6		695	686	10.5
50 - 5	112	89	62	32	6									301	306	[illegible]
6	112	95	75	52	27	6								367	370	[illegible]
7	112	98	82	65	45	23	6							431	431	[illegible]
8	112	100	87	73	57	39	20	6						[illegible]	488	[illegible]
9	112	101	90	79	66	51	34	19	6					558	551	[illegible]
10	112	103	93	83	73	60	46	31	18	6				625	617	[illegible]
11	112	104	95	86	77	67	55	42	29	16	6			[illegible]	680	[illegible]
12	112	104	96	89	80	72	62	51	39	24	15	6		[illegible]	743	[illegible]
13	112	105	98	91	84	76	66	57	47	36	24	14	6	[illegible]	805	[illegible]
52 - 5	122	97	67	34	6									[illegible]	332	[illegible]
6	122	103	81	56	28	6								[illegible]	[illegible]	[illegible]
7	122	106	[illegible]	70	48	24	[illegible]							[illegible]	[illegible]	[illegible]
8	122	108	94	79	62	41	22	6						[illegible]	525	[illegible]
9	122	110	98	85	71	54	37	20	[illegible]					[illegible]	[illegible]	[illegible]
10	122	112	101	90	78	65	49	34	18	6				[illegible]	[illegible]	[illegible]
11	122	113	103	94	84	72	59	45	30	17	6			[illegible]	[illegible]	[illegible]
12	122	113	105	96	87	78	66	54	41	28	16	6		[illegible]	[illegible]	[illegible]
13	122	114	106	99	90	82	72	61	50	38	26	15	6	[illegible]	[illegible]	[illegible]
54 - 5	131	104	72	36	6									[illegible]	[illegible]	[illegible]
[illegible]	131	111	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	131	114	95	75	51	26	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	131	117	102	[illegible]	[illegible]	41	[illegible]	[illegible]						[illegible]	568	[illegible]
[illegible]	[illegible]	118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	131	121	112	100	89	78	63	48	32	18	6			[illegible]	[illegible]	[illegible]
12	131	122	113	104	94	83	71	58	44	30	16	6		[illegible]	[illegible]	[illegible]
13	131	123	114	106	98	88	77	66	53	41	27	16	6	[illegible]	[illegible]	[illegible]
56 - 5	142	113	78	38	6									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	93	[illegible]	31	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	142	124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	142	[illegible]	[illegible]	[illegible]	82	[illegible]	41	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
12	142	131	122	112	101	89	76	62	46	31	17	6		[illegible]	[illegible]	[illegible]
13	142	132	124	114	105	95	82	70	57	43	29	16	6	[illegible]	[illegible]	[illegible]
58 - 5	152	120	82	40	6									[illegible]	[illegible]	[illegible]
6	152	128	100	68	33	6								[illegible]	[illegible]	[illegible]
7	152	132	110	86	58	29	6							[illegible]	[illegible]	[illegible]
8	152	135	117	97	75	50	25	6						[illegible]	[illegible]	[illegible]
9	152	136	122	106	87	66	44	22	6					[illegible]	[illegible]	[illegible]
10	152	138	126	112	96	79	60	40	21	6				[illegible]	[illegible]	[illegible]
11	152	140	128	116	103	89	72	54	36	19	6			[illegible]	[illegible]	[illegible]
12	152	141	131	119	108	95	81	66	49	33	18	6		[illegible]	[illegible]	[illegible]
13	152	142	132	122	112	101	88	75	60	46	30	17	6	[illegible]	1071	[illegible]
60 - 6	163	137	107	73	35	6								[illegible]	[illegible]	[illegible]
7	[illegible]	142	119	[illegible]	61	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	163	146	131	113	93	70	46	23	6					[illegible]	[illegible]	[illegible]
10	163	148	134	119	103	84	63	42	22	6				[illegible]	[illegible]	[illegible]
11	163	151	138	124	110	95	77	58	38	20	6			[illegible]	[illegible]	[illegible]
12	163	151	140	128	116	102	87	70	52	35	18	6		[illegible]	[illegible]	[illegible]
13	163	153	142	131	120	108	94	80	64	49	32	17	6	[illegible]	[illegible]	[illegible]

Table 14--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	175	146	114	78	37	6								550	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 14--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
76 - 6	266	221	170	113	51	6								827	835	5.2
7	266	229	188	144	94	43	6							970	964	6.1
8	266	234	201	165	124	80	36	6						1112	1105	6.9
9	266	237	210	180	147	108	69	32	6					1255	1247	7.8
10	266	240	217	191	163	131	97	62	30	6				1403	1393	8.6
11	266	243	222	199	176	149	120	87	55	27	6			1550	1539	9.5
12	266	245	226	205	185	162	136	108	78	50	24	6		1691	1678	10.4
13	266	247	229	210	192	172	148	124	98	72	46	23	6	1833	1817	11.2
78 - 7	280	240	198	151	98	44	6							1017	1011	6.0
8	280	246	212	174	131	83	38	6						1170	1162	6.9
9	280	249	221	189	154	113	72	33	6					1317	1309	7.8
10	280	254	228	201	171	138	102	65	30	6				1475	1465	8.6
11	280	256	234	209	184	157	126	91	57	28	6			1628	1617	9.5
12	280	258	237	216	194	170	142	113	82	52	25	6		1775	1762	10.4
13	280	260	240	221	202	181	156	130	103	76	47	23	6	1925	1911	11.2
80 - 7	295	254	208	158	103	46	6							1070	1064	6.0
8	295	259	222	182	138	87	39	6						1228	1221	6.9
9	295	263	233	199	162	119	75	35	6					1387	1379	7.8
10	295	267	240	212	180	145	107	67	32	6				1551	1541	8.6
11	295	270	246	220	194	165	132	95	60	29	6			1712	1701	9.5
12	295	272	250	228	204	179	149	119	86	54	26	6		1868	1855	10.4
13	295	274	254	233	213	190	163	136	108	79	49	24	6	2024	2009	11.2

FORM CLASS 79

Table 15--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	16 ft. logs
12 - 1	0													[illegible]	[illegible]	[illegible]
14 - 1	7													[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
16 - 1	[illegible]													[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	10	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
18 - 1	[illegible]													[illegible]	[illegible]	1.5
2	[illegible]	[illegible]												[illegible]	[illegible]	2.0
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.9
4	[illegible]	11	[illegible]	[illegible]										[illegible]	[illegible]	3.9
5	[illegible]	12	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
20 - 1	[illegible]													[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	12	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	14	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	14	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	16	15	13	11	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	15	[illegible]	[illegible]	10	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
22 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	14	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	18	14	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	20	18	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.4
8	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.3
24 - 2	24	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	24	19	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	21	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	24	[illegible]	[illegible]	15	11	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
26 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	18	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	14	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	24	[illegible]	12	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	17	12	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	21	18	14	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
28 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	34	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	34	[illegible]	[illegible]	14	[illegible]									[illegible]	[illegible]	[illegible]
6	34	[illegible]	[illegible]	19	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	34	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
30 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.6
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]								[illegible]	[illegible]	5.3
7	[illegible]	[illegible]	31	[illegible]	[illegible]	12	[illegible]							[illegible]	[illegible]	6.2
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.1
9	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	8.0
10	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.9
32 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	45	34	20	6										[illegible]	[illegible]	[illegible]
5	45	[illegible]	[illegible]	17	[illegible]									[illegible]	[illegible]	[illegible]
6	45	39	32	24	15	6								[illegible]	[illegible]	[illegible]
7	45	40	35	[illegible]	[illegible]	14	[illegible]							[illegible]	[illegible]	[illegible]
8	45	41	37	32	26	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	45	41	38	34	29	24	18	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	45	42	39	35	31	27	22	17	11	[illegible]				[illegible]	[illegible]	[illegible]

Table 15--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
34 - 3	51	29	6											86	89	2.6
4	51	39	22	6										118	120	3.5
5	51	43	31	15	6									149	14[illegible]	4.4
6	51	45	36	27	16	6								181	180	5.3
7	51	46	40	32	24	14	6							213	210	6.2
8	51	4[illegible]	41	36	29	21	13	6						244	238	7.0
9	51	47	43	38	33	26	19	12	6					275	269	7.9
10	51	49	44	40	35	30	24	18	12	6				308	301	8.8
36 - 3	58	32	6											96	99	2.6
4	58	43	24	6										131	133	3.5
5	58	46	35	20	6									157	158	4.4
6	58	50	41	3[illegible]	17	6								202	202	5.3
7	58	51	44	3[illegible]	26	16	6							237	234	6.2
8	58	52	46	40	32	23	14	6						2[illegible]1	265	7.0
9	58	53	48	43	36	29	21	13	6					307	30[illegible]	7.9
10	58	53	49	44	39	33	27	19	12	6				34[illegible]	333	8.8
11	58	54	50	46	42	37	31	25	1[illegible]	12	6			37[illegible]	35[illegible]	9.7
38 - 3	65	35	6											106	110	2.6
4	65	44	26	6										145	148	3.5
5	65	53	34	21	6									184	185	4.4
6	65	55	45	33	1[illegible]	6								222	222	5.3
7	65	57	49	40	29	17	6							263	260	6.2
8	65	58	52	44	35	25	15	6						300	294	7.0
9	65	59	53	47	40	32	23	14	6					339	332	7.9
10	65	60	55	49	44	37	29	21	13	6				379	371	8.8
11	65	6[illegible]	56	51	47	41	34	27	1[illegible]	12	6			417	409	9.7
12	65	61	57	5[illegible]	48	43	38	32	25	18	12	6		458	448	10.6
40 - 3	72	39	6											117	12[illegible]	2.6
4	72	53	28	6										159	163	3.5
5	72	58	43	23	6									202	20[illegible]	4.4
6	72	62	50	36	20	6								246	24[illegible]	5.3
7	72	64	54	44	31	18	6							280	28[illegible]	6.2
8	72	65	57	49	39	28	16	6						332	32[illegible]	7.0
9	72	66	59	52	44	35	25	15	6					374	36[illegible]	7.9
10	72	[illegible]	61	55	48	41	32	23	14	6				418	410	8.8
11	72	67	62	5[illegible]	51	45	38	30	21	13	6			462	[illegible]	9.7
12	72	67	63	5[illegible]	53	48	42	35	2[illegible]	2[illegible]	12	[illegible]		503	[illegible]	10.6
42 - 4	80	58	[illegible]	6										1[illegible]4	17[illegible]	3.5
5	80	65	46	25	6									22[illegible]	224	4.4
6	80	68	55	39	21	6								[illegible]	2[illegible]	5.2
7	80	71	60	48	34	19	6							31[illegible]	316	6.1
8	80	72	63	53	43	30	17	6						364	35[illegible]	7.0
9	80	73	6[illegible]	58	49	39	27	1[illegible]	6					41[illegible]	[illegible]	7.9
10	80	74	67	61	53	44	35	24	17	6				[illegible]	[illegible]	8.8
11	80	74	[illegible]	[illegible]	[illegible]	49	41	32	23	14	6			5[illegible]6	4[illegible]6	9.6
12	80	[illegible]	70	[illegible]	[illegible]	[illegible]	4[illegible]	3[illegible]	[illegible]	2[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.5
44 - 4	88	64	33	6										1[illegible]1	[illegible]	[illegible]
5	88	[illegible]1	51	27	6									[illegible]	215	[illegible]
6	88	75	60	43	23	6								[illegible]	2[illegible]	[illegible]
7	88	78	[illegible]	52	37	20	6							[illegible]	345	[illegible]
8	88	[illegible]	69	58	45	32	19	6						[illegible]	390	[illegible]
9	88	80	72	[illegible]	53	41	29	1[illegible]	6					[illegible]	[illegible]1	[illegible]
10	88	81	74	[illegible]	58	49	38	27	15	6				[illegible]02	4[illegible]	[illegible]
11	88	82	[illegible]	[illegible]	62	54	4[illegible]	[illegible]	[illegible]	14	6			[illegible]	[illegible]	[illegible]
12	88	82	[illegible]	71	[illegible]	58	5[illegible]	41	[illegible]2	[illegible]	14	[illegible]		[illegible]	[illegible]	1[illegible]
46 - 4	[illegible]	[illegible]	[illegible]	6										[illegible]	21[illegible]	3.5
5	96	[illegible]	55	2[illegible]										[illegible]	[illegible]	4.4
6	96	82	[illegible]5	4[illegible]	24	6								31[illegible]	321	5.2
7	96	[illegible]	71	[illegible]	40	21	6							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19	6						4[illegible]1	42[illegible]	7.0
9	96	97	[illegible]	[illegible]	[illegible]	44	51	1[illegible]	6					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	41	[illegible]	1[illegible]	6				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	6			[illegible]	[illegible]	9.6
12	96	[illegible]	84	[illegible]	[illegible]	62	54	4[illegible]	[illegible]	24	14	[illegible]		[illegible]	[illegible]45	10.5

Table 15--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 4	[illegible]	76	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	85	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.4
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Table 15--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	180	151	117	79	38	6								571	578	5.2
7	180	156	129	100	66	32	6							669	673	6.1
8	180	159	138	114	87	57	28	6						769	763	7.0
9	180	161	143	124	102	76	50	25	6					867	861	7.8
10	180	163	148	131	113	92	69	46	23	6				971	963	8.7
11	180	165	151	136	120	103	84	62	41	21	6			1069	1061	9.6
12	180	166	153	140	127	112	94	76	56	37	19	6		1166	1157	10.4
13	180	168	156	144	132	119	103	87	70	52	34	18	6	1269	1258	11.3
64 - 6	192	160	124	84	40	6								606	614	5.2
7	192	166	137	106	70	34	6							711	716	6.1
8	192	170	146	121	93	60	29	6						817	811	7.0
9	192	172	153	132	108	80	53	26	6					922	916	7.8
10	192	174	158	140	120	98	73	48	24	6				1033	1025	8.7
11	192	176	161	145	129	110	89	66	43	22	6			1139	1130	9.6
12	192	177	164	150	135	119	100	80	59	39	20	6		1241	1231	10.5
13	192	179	166	153	140	126	109	92	74	55	36	19	6	1347	1335	11.3
66 - 6	204	170	132	88	41	6								641	650	5.2
7	204	176	146	112	74	35	6							753	759	6.1
8	204	180	156	128	98	63	30	6						865	859	7.0
9	204	182	162	139	114	85	55	27	6					974	968	7.8
10	204	185	167	148	127	103	77	50	25	6				1092	1084	8.7
11	204	187	170	153	136	116	94	69	45	23	6			1203	1195	9.6
12	204	189	174	159	143	126	106	85	62	41	21	6		1310	1306	10.4
13	204	189	176	162	148	134	116	97	78	58	37	19	6	1424	1410	11.3
68 - 6	217	181	140	94	43	6								681	691	5.2
7	217	187	155	119	78	37	6							799	804	6.1
8	217	192	165	136	104	67	31	6						918	912	7.0
9	217	194	172	148	121	90	58	28	6					1034	1029	7.8
10	217	197	178	157	134	109	81	53	26	6				1158	1151	8.7
11	217	199	182	163	144	124	99	73	47	24	6			1278	1270	9.6
12	217	200	185	168	152	133	113	90	66	43	22	6		1395	1381	10.4
13	217	202	187	173	158	142	122	103	82	61	39	20	6	1512	1497	11.3
70 - 6	230	192	148	99	46	6								721	731	5.2
7	230	199	164	126	82	39	6							846	852	6.1
8	230	203	175	144	110	70	33	6						971	965	6.9
9	230	206	182	157	129	95	61	29	6					1095	1086	7.8
10	230	209	189	166	142	115	86	55	27	6				1225	1218	8.7
11	230	211	192	173	153	131	105	77	49	25	6			1352	1340	9.6
12	230	213	196	179	161	141	119	95	69	45	23	6		1477	1463	10.4
13	230	214	199	183	168	150	129	108	87	64	41	21	6	1600	1585	11.3
72 - 6	244	204	156	104	48	6								762	773	5.2
7	244	211	174	132	87	40	6							894	901	6.1
8	244	215	186	152	116	74	34	6						1027	1021	6.9
9	244	218	193	165	136	100	64	30	6					1156	1148	7.8
10	244	222	200	176	151	122	90	58	28	6				1297	1286	8.7
11	244	224	204	183	162	138	111	81	51	26	6			1430	1418	9.6
12	244	225	208	189	170	149	126	100	73	47	23	6		1560	1547	10.4
13	244	227	211	193	177	159	136	115	91	67	43	22	6	1691	1675	11.3
74 - 6	258	215	165	110	49	6								803	816	5.2
7	258	222	183	140	92	42	6							943	951	6.1
8	258	228	196	160	122	78	36	6						1084	1075	6.9
9	258	231	204	175	143	106	67	32	6					1222	1213	7.8
10	258	234	211	186	159	128	95	61	29	6				1367	1356	8.7
11	258	237	216	193	170	145	117	85	54	27	6			1508	1496	9.5
12	258	239	219	200	180	158	132	106	77	49	24	6		1648	1635	10.4
13	258	240	222	204	187	168	144	121	96	71	44	22	6	1783	1769	11.3
76 - 7	272	234	192	146	96	44	6							990	999	6.1
8	272	240	206	169	128	81	37	6						1139	1131	6.9
9	272	243	215	184	151	111	70	33	6					1285	1277	7.8
10	272	247	222	196	168	134	99	63	30	6				1437	1427	8.7
11	272	249	228	204	180	153	122	89	56	28	6			1587	1575	9.5
12	272	251	231	211	189	165	138	111	80	51	25	6		1730	1716	10.4
13	272	253	234	216	196	176	151	127	100	74	46	23	6	1874	1859	11.3

FORM CLASS
79

Table 15--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible] - 7	[illegible]	[illegible]	[illegible]	155	[illegible]	[illegible]	6							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.1
8	[illegible]	[illegible]	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	6.9
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	122	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.8
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.7
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.5
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.4
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.3

Table 16--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	5													5	8	1.9
14 - 1	7													7	11	1.8
2	7	6												13	14	2.5
16 - 1	10													10	12	1.5
2	10	6												16	17	2.1
3	10	8	6											24	25	3.2
4	10	9	8	6										33	34	4.3
18 - 1	13													13	15	1.5
2	13	6												19	19	2.0
3	13	10	6											29	28	2.9
4	13	11	9	6										39	38	3.9
5	13	12	10	8	6									49	48	4.9
20 - 2	17	6												23	23	1.9
3	17	12	6											35	34	2.8
4	17	14	10	6										47	46	3.7
5	17	15	12	9	6									59	58	4.7
6	17	15	14	11	9	6								72	70	5.6
7	17	16	14	12	11	8	6							84	83	6.6
22 - 2	20	6												25	27	1.8
3	20	14	6											40	40	2.7
4	20	17	12	6										55	54	3.6
5	20	18	15	10	6									69	69	4.6
6	20	18	16	13	10	6								83	81	5.5
7	20	19	17	15	12	9	6							98	95	6.4
8	20	19	18	16	14	12	9	6						114	111	7.3
24 - 2	25	6												31	29	1.8
3	25	16	6											47	47	2.7
4	25	20	13	6										64	63	3.6
5	25	21	17	12	6									81	79	4.5
6	25	22	19	15	11	6								98	95	5.4
7	25	23	20	17	14	10	6							115	112	6.3
8	25	23	21	19	16	13	9	6						132	129	7.2
9	25	23	22	20	18	15	12	9	6					150	145	8.2
26 - 2	30	6												36	34	1.8
3	30	18	6											54	54	2.7
4	30	23	15	6										74	74	3.6
5	30	25	20	13	6									94	93	4.5
6	30	26	22	18	12	6								114	112	5.4
7	30	27	24	20	16	11	6							134	131	6.3
8	30	27	25	22	18	15	10	6						153	149	7.2
9	30	28	25	23	20	17	14	10	6					173	169	8.1
28 - 2	35	6												41	40	1.8
3	35	21	6											62	63	2.7
4	35	27	17	6										85	84	3.6
5	35	29	23	14	6									107	105	4.4
6	35	30	26	20	13	6								130	128	5.3
7	35	31	28	23	18	12	6							153	150	6.2
8	35	32	29	25	21	16	11	6						175	171	7.1
9	35	32	30	27	23	19	15	10	6					197	191	8.0
10	35	32	30	28	25	22	18	14	10	6				220	213	8.9
30 - 3	40	23	6											69	71	2.7
4	40	31	18	6										95	95	3.5
5	40	34	25	16	6									121	120	4.4
6	40	35	29	22	14	6								146	145	5.3
7	40	36	31	26	20	13	6							172	170	6.2
8	40	37	33	29	24	18	12	6						199	196	7.1
9	40	37	34	30	27	22	16	11	6					223	217	8.0
10	40	38	35	32	29	24	20	16	11	6				251	244	8.9

Table 16--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible]2 - [illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	2.6
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	108	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]									137	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible] - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	22	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									152	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	185	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	[illegible]							[illegible]	[illegible]	6.2
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.1
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
40 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.2
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.6

Table 16--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 4	99	71	36	6										212	218	3.5
5	99	80	56	29	6									270	274	4.4
6	99	84	67	47	24	6								327	329	5.3
7	99	87	73	58	40	22	6							385	384	6.2
8	99	89	78	65	51	35	19	6						442	436	7.0
9	99	90	80	70	59	46	31	18	6					499	491	7.9
10	99	91	83	74	65	54	42	29	16	6				559	550	8.8
11	99	92	85	77	69	60	50	38	26	15	6			617	608	9.7
12	99	93	86	79	72	64	55	46	35	24	14	6		673	663	10.6
48 - 4	108	78	39	6										231	238	3.5
5	108	87	61	31	6									293	297	4.4
6	108	92	73	51	26	6								356	358	5.3
7	108	95	80	63	44	23	6							419	419	6.1
8	108	97	85	71	55	38	20	6						480	474	7.0
9	108	98	88	77	64	49	33	18	6					541	534	7.9
10	108	99	90	80	70	58	45	31	17	6				604	595	8.8
11	108	100	92	84	75	65	53	41	28	16	6			668	659	9.7
12	108	101	94	86	78	70	60	49	38	26	15	6		731	721	10.5
13	108	102	95	88	81	74	64	55	45	35	24	14	6	791	779	11.4
50 - 5	118	94	66	33	6									317	322	4.4
6	118	100	78	55	[illegible]									385	387	5.2
7	118	103	86	68	47	24	6							452	452	6.1
8	118	105	92	77	60	40	21	6						519	513	7.0
9	118	107	95	83	69	53	36	19	6					586	579	7.9
10	118	108	98	88	76	63	48	33	18	6				656	647	8.8
11	118	109	100	91	81	70	58	44	30	17	6			724	714	9.6
12	118	110	102	94	85	76	65	53	40	28	16	6		793	782	10.5
13	118	110	103	95	88	80	70	59	49	38	25	15	6	856	844	11.4
52 - 5	128	102	71	35	6									342	348	4.4
6	128	108	85	58	29	6								414	418	5.2
7	128	112	93	73	50	25	6							487	489	6.1
8	128	114	99	82	64	43	22	6						558	552	7.0
9	128	116	103	89	75	57	38	20	6					632	625	7.9
10	128	117	106	95	82	67	51	35	19	6				706	697	8.8
11	128	118	108	98	87	76	62	47	31	18	6			779	770	9.6
12	128	119	110	101	92	81	69	57	43	29	16	6		851	841	10.5
13	128	120	112	103	95	86	75	64	52	40	27	15	6	923	911	11.4
54 - 5	138	110	76	37	6									367	373	4.4
6	138	117	92	63	31	6								447	451	5.2
7	138	120	100	78	53	27	6							522	524	6.1
8	138	123	107	89	69	46	23	6						601	595	7.0
9	138	125	112	96	80	61	41	21	6					680	673	7.9
10	138	126	114	102	88	72	55	37	20	6				758	749	8.8
11	138	127	117	106	94	81	66	50	33	18	6			836	827	9.6
12	138	129	119	109	99	87	75	61	46	31	17	6		917	906	10.5
13	138	129	120	112	103	93	80	68	55	43	28	16	6	991	979	11.4
56 - 5	149	118	82	39	6									394	401	4.4
6	149	126	98	67	33	6								479	483	5.2
7	149	130	108	84	57	28	6							562	564	6.1
8	149	132	115	95	74	49	24	6						644	638	7.0
9	149	134	120	104	86	65	43	22	6					729	722	7.9
10	149	136	124	110	95	78	59	39	20	6				816	808	8.8
11	149	138	126	114	101	87	71	53	35	19	6			899	890	9.6
12	149	138	128	117	106	94	80	65	48	32	18	6		981	970	10.5
13	149	139	130	120	110	99	86	74	59	45	30	17	6	1064	1051	11.4
58 - 5	160	127	87	42	6									422	429	4.4
6	160	135	105	72	34	6								512	518	5.2
7	160	139	116	90	60	30	6							601	603	6.1
8	160	142	124	102	79	52	26	6						691	685	7.0
9	160	144	129	111	92	69	46	23	6					780	773	7.9
10	160	146	132	117	102	82	62	41	22	6				870	861	8.8
11	160	148	135	122	108	93	76	57	37	20	6			962	953	9.6
12	160	148	138	126	114	100	85	69	51	34	18	6		1049	1039	10.5
13	160	150	139	129	118	107	93	78	63	48	31	17	6	1139	1127	11.4

Table 16--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	16 ft. logs
60 - 6	172	144	112	76	36	6								546	553	5.2
7	172	149	124	96	64	31	6							642	646	6.1
8	172	153	132	109	84	55	27	6						738	732	7.0
9	172	155	138	119	98	73	48	24	6					833	827	7.9
10	172	157	142	126	108	88	66	44	22	6				931	924	8.8
11	172	158	145	131	116	99	80	60	39	21	6			1027	1018	9.6
12	172	160	147	134	122	107	91	73	54	36	19	6		1121	1110	10.5
13	172	160	149	138	127	114	99	84	67	51	33	18	6	1218	1206	11.4
62 - 6	184	154	120	81	38	6								583	591	5.2
7	184	160	132	102	68	33	6							685	688	6.1
8	184	162	141	116	89	58	28	6						784	778	7.0
9	184	165	147	127	104	78	51	25	6					887	881	7.9
10	184	168	151	134	116	94	70	46	23	6				992	985	8.7
11	184	169	155	139	124	106	86	64	41	22	6			1096	1087	9.6
12	184	170	158	144	130	114	96	78	58	38	20	6		1196	1186	10.5
13	184	171	160	147	135	121	105	89	71	53	35	18	6	1295	1283	11.4
64 - 6	196	165	127	86	40	6								620	628	5.2
7	196	170	140	108	72	34	6							726	731	6.1
8	196	174	150	124	95	62	30	6						837	831	7.0
9	196	176	156	134	111	82	54	27	6					942	935	7.9
10	196	179	161	143	123	100	75	49	24	6				1056	1048	8.7
11	196	180	165	148	131	113	91	67	44	22	6			1163	1154	9.6
12	196	182	168	153	138	122	103	82	61	40	20	6		1271	1261	10.5
13	196	183	170	157	144	129	112	94	75	56	36	19	6	1377	1366	11.4
66 - 6	209	175	135	91	42	6								658	667	5.2
7	209	181	149	115	76	36	6							772	777	6.1
8	209	185	160	131	100	65	31	6						887	881	7.0
9	209	188	166	143	117	87	56	28	6					1000	993	7.8
10	209	190	172	152	131	106	78	51	25	6				1120	1112	8.7
11	209	192	176	158	140	119	96	71	46	23	6			1236	1228	9.6
12	209	193	179	163	147	129	109	87	64	42	21	6		1349	1339	10.5
13	209	195	181	167	153	137	118	100	80	59	38	20	6	1463	1454	11.3
68 - 6	222	186	143	96	44	6								697	707	5.2
7	222	192	158	122	80	38	6							818	823	6.1
8	222	196	170	139	106	68	32	6						939	933	7.0
9	222	200	176	152	124	92	59	29	6					1060	1054	7.8
10	222	202	182	161	138	112	83	54	26	6				1186	1179	8.7
11	222	204	186	168	148	126	102	75	48	24	6			1309	1301	9.6
12	222	206	189	173	156	136	115	92	67	44	22	6		1428	1418	10.5
13	222	207	192	177	162	145	126	106	84	62	40	20	6	1549	1538	11.3
70 - 6	236	197	151	101	46	6								737	748	5.2
7	236	204	168	129	85	39	6							867	873	6.1
8	236	208	180	147	112	72	33	6						994	988	7.0
9	236	212	187	160	132	97	62	30	6					1122	1116	7.8
10	236	214	193	170	146	118	88	56	28	6				1255	1247	8.7
11	236	217	198	177	157	134	107	79	50	25	6			1386	1378	9.6
12	236	218	201	183	165	144	122	97	71	46	23	6		1512	1502	10.4
13	236	220	204	188	172	154	132	112	88	66	42	21	6	1641	1629	11.3
72 - 6	250	208	160	107	48	6								779	791	5.2
7	250	216	177	136	89	41	6							915	922	6.1
8	250	221	190	156	118	76	35	6						1052	1046	7.0
9	250	224	198	170	139	103	66	31	6					1187	1182	7.8
10	250	227	204	180	155	124	92	59	28	6				1325	1319	8.7
11	250	229	209	188	165	141	113	83	53	26	6			1463	1454	9.6
12	250	231	213	194	174	153	129	103	75	48	24	6		1600	1590	10.4
13	250	233	216	199	182	162	140	117	93	69	44	22	6	1733	1717	11.3
74 - 7	265	228	187	143	93	43	6							965	973	6.1
8	265	234	200	164	124	79	36	6						1108	1102	7.0
9	265	237	209	180	146	108	69	32	6					1252	1247	7.8
10	265	240	216	190	163	131	97	62	30	6				1400	1392	8.7
11	265	242	221	198	175	148	119	87	55	27	6			1543	1535	9.6
12	265	244	225	205	184	161	135	108	78	50	24	6		1685	1671	10.4
13	265	246	228	210	192	171	147	124	98	72	46	23	6	1828	1811	11.3

Table 16--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
76 - 7	280	240	198	151	98	44	6							1017	1027	6.1
8	280	246	212	174	131	83	38	6						1170	1164	7.0
9	280	249	221	189	154	113	72	33	6					1317	1313	7.8
10	280	254	228	201	171	138	102	65	30	6				1475	1469	8.7
11	280	256	234	209	184	157	126	91	57	28	6			1628	1621	9.6
12	280	258	237	216	194	170	142	113	82	52	25	6		1775	1761	10.4
13	280	260	240	221	202	181	156	130	103	76	47	23	6	1925	1910	11.3
78 - 7	295	254	208	158	103	46	6							1070	1080	6.1
8	295	259	222	182	138	87	39	6						1228	1222	6.9
9	295	263	233	199	162	119	75	35	6					1387	1382	7.8
10	295	267	240	212	180	145	107	67	32	6				1551	1545	8.7
11	295	270	246	220	194	165	132	95	60	29	6			1712	1700	9.6
12	295	272	250	228	204	179	149	119	86	54	26	6		1868	1854	10.4
13	295	274	254	233	213	190	163	136	108	79	49	24	6	2024	2008	11.3
80 - 7	310	267	219	166	107	48	6							1123	1134	6.1
8	310	273	234	192	144	91	41	6						1291	1285	6.9
9	310	277	245	209	170	124	78	36	6					1455	1447	7.8
10	310	281	253	222	189	152	112	71	33	6				1629	1623	8.7
11	310	284	258	232	204	173	138	100	62	30	6			1797	1785	9.6
12	310	286	263	240	215	188	157	124	90	56	27	6		1962	1948	10.4
13	310	288	267	245	224	200	171	143	113	82	51	25	6	2125	2109	11.3

FORM CLASS
81

Table 17--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	5													5	8	2.0
14 - 1	8													8	11	1.7
2	8	6												14	16	2.5
3	8	7	6											21	24	3.8
16 - 1	10													10	12	1.5
2	10	6												16	17	2.1
3	10	8	6											24	25	3.2
4	10	9	8	6										33	34	4.3
18 - 1	14													14	16	1.5
2	14	6												20	20	2.0
3	14	10	6											30	30	2.9
4	14	12	9	6										41	40	3.9
5	14	12	11	8	6									51	50	4.9
6	14	12	11	10	8	6								61	60	5.9
20 - 2	17	6												23	23	1.9
3	17	12	6											35	35	2.8
4	17	14	10	6										47	47	3.8
5	17	15	13	9	6									60	60	4.7
6	17	16	14	12	9	6								74	72	5.6
7	17	16	14	13	11	8	6							85	84	6.6
22 - 2	21	6												27	28	1.8
3	21	14	6											41	41	2.8
4	21	17	12	6										56	55	3.7
5	21	18	15	11	6									71	70	4.6
6	21	19	17	14	10	6								87	85	5.5
7	21	19	17	15	12	9	6							99	97	6.4
8	21	19	18	16	14	12	9	6						115	112	7.3
24 - 2	25	6												31	30	1.8
3	25	16	6											47	47	2.7
4	25	20	13	6										64	64	3.6
5	25	22	17	12	6									82	80	4.5
6	25	23	19	16	11	6								100	97	5.4
7	25	23	21	18	14	10	6							117	114	6.3
8	25	23	22	19	16	13	10	6						134	130	7.2
9	25	24	22	20	18	15	12	9	6					151	146	8.2
26 - 2	30	6												36	35	1.8
3	30	19	6											55	56	2.7
4	30	24	15	6										75	75	3.6
5	30	26	20	13	6									95	94	4.5
6	30	27	23	18	12	6								116	114	5.4
7	30	28	24	20	16	11	6							135	132	6.3
8	30	28	25	22	19	15	10	6						155	152	7.2
9	30	28	26	24	21	18	14	10	6					177	173	8.1
10	30	29	27	24	24	19	16	13	9	6				195	189	9.0
28 - 3	36	21	6											63	64	2.7
4	36	28	17	6										87	87	3.6
5	36	30	23	14	6									109	109	4.4
6	36	31	26	20	13	6								132	130	5.4
7	36	32	28	24	18	12	6							156	153	6.2
8	36	33	30	26	22	16	11	6						180	176	7.1
9	36	33	30	28	24	20	15	10	6					202	196	8.0
10	36	33	31	28	26	22	18	14	10	6				224	218	8.9
30 - 3	41	24	6											71	72	2.7
4	41	31	19	6										97	97	3.6
5	41	34	26	16	6									123	123	4.4
6	41	36	30	23	14	6								150	149	5.3
7	41	37	32	27	20	13	6							176	174	6.2
8	41	38	34	29	24	18	12	6						202	199	7.1
9	41	38	35	31	27	22	17	11	6					228	222	8.0
10	41	39	36	33	29	25	21	16	11	6				237	230	8.9

Table 17--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	48	27	6											81	83	2.7
4	48	36	20	6										110	111	3.5
5	48	39	29	17	6									139	138	4.4
6	48	41	34	25	15	6								169	168	5.3
7	48	43	36	30	22	14	6							199	197	6.2
8	48	43	39	33	27	20	12	6						228	226	7.1
9	48	44	40	35	30	24	18	12	6					257	251	8.0
10	48	44	41	37	33	28	23	17	11	6				286	281	8.9
11	48	44	41	38	35	31	27	21	16	11	6			318	309	9.8
34 - 3	54	30	6											90	93	2.7
4	54	40	23	6										123	124	3.5
5	54	44	33	19	6									156	156	4.4
6	54	47	38	28	16	6								189	188	5.3
7	54	48	41	34	25	15	6							223	222	6.2
8	54	49	43	37	30	22	14	6						255	251	7.1
9	54	49	45	40	34	28	20	12	6					288	282	8.0
10	54	50	46	42	37	31	25	19	12	6				322	315	8.9
11	54	50	47	43	39	35	29	23	17	11	6			354	347	9.8
36 - 3	61	33	6											100	104	2.6
4	61	46	25	6										138	140	3.5
5	61	50	36	20	6									173	174	4.4
6	61	53	43	31	18	6								212	211	5.3
7	61	54	46	38	27	16	6							248	247	6.2
8	61	55	49	42	34	24	14	6						285	283	7.1
9	61	56	51	45	38	30	22	14	6					323	317	8.0
10	61	56	52	47	41	35	28	20	13	6				359	352	8.8
11	61	57	53	49	44	39	33	26	19	12	6			399	391	9.7
12	61	57	53	50	46	41	36	30	24	18	12	6		434	424	10.6
38 - 3	68	37	6											111	115	2.6
4	68	50	27	6										151	154	3.5
5	68	56	40	22	6									192	193	4.4
6	68	59	48	34	19	6								234	234	5.3
7	68	61	51	41	30	17	6							274	274	6.2
8	68	62	54	46	37	26	15	6						314	312	7.1
9	68	62	56	50	42	33	24	14	6					355	349	8.0
10	68	63	58	52	46	39	30	22	14	6				398	391	8.8
11	68	64	59	54	49	43	36	28	20	13	6			440	433	9.7
12	68	64	60	55	51	46	40	33	26	19	12	6		480	471	10.6
40 - 3	76	40	6											122	128	2.6
4	76	55	30	6										167	170	3.5
5	76	62	44	24	6									212	214	4.4
6	76	65	52	38	20	6								257	258	5.3
7	76	67	57	46	32	18	6							302	303	6.2
8	76	68	60	51	41	29	16	6						347	346	7.1
9	76	69	62	55	47	36	26	15	6					392	386	8.0
10	76	70	64	58	51	43	33	24	14	6				439	433	8.8
11	76	71	65	60	54	47	40	31	22	13	6			485	478	9.7
12	76	71	66	61	56	50	44	36	28	20	12	6		526	519	10.6
42 - 4	84	61	32	6										183	187	3.5
5	84	68	49	26	6									233	235	4.4
6	84	72	57	41	22	6								282	282	5.3
7	84	74	62	50	35	19	6							330	329	6.2
8	84	76	66	56	44	31	17	6						380	374	7.0
9	84	77	69	60	51	40	28	16	6					431	423	7.9
10	84	78	71	63	55	46	36	26	15	6				480	473	8.8
11	84	78	72	66	59	51	43	33	23	14	6			529	521	9.7
12	84	78	73	67	62	55	48	40	30	22	13	6		578	569	10.6
44 - 4	93	67	34	6										200	205	3.5
5	93	75	53	28	6									255	257	4.4
6	93	79	63	44	23	6								308	309	5.3
7	93	81	68	54	38	20	6							360	360	6.2
8	93	83	73	61	49	33	18	6						416	410	7.0
9	93	84	76	66	55	43	30	17	6					470	462	7.9
10	93	85	78	69	61	51	39	28	16	6				526	519	8.8
11	93	86	79	72	65	56	47	36	25	15	6			580	572	9.7
12	93	86	80	74	67	60	52	43	33	23	14	6		631	622	10.6

Table 17--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 4	102	[illegible]	[illegible]	[illegible]										218	[illegible]	3.[illegible]
5	102	62	58	[illegible]	6									[illegible]	281	4.4
6	102	[illegible]	[illegible]	[illegible]	25	[illegible]								[illegible]	330	5.[illegible]
7	102	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]							[illegible]	[illegible]	6.2
8	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.[illegible]
9	102	[illegible]	[illegible]	72	61	47	32	18	[illegible]					511	[illegible]	7.[illegible]
10	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.[illegible]
11	102	[illegible]	[illegible]	[illegible]	[illegible]	52	51	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.7
12	102	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]		[illegible]	[illegible]	10.[illegible]
[illegible] - 4	112	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	3.[illegible]
5	112	[illegible]	62	[illegible]	6									[illegible]	[illegible]	4.[illegible]
6	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.[illegible]
7	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.2
8	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	[illegible]						[illegible]	[illegible]	7.[illegible]
9	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	548	7.[illegible]
10	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]				[illegible]	[illegible]	8.8
11	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.[illegible]
12	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	811	[illegible]	11.[illegible]
[illegible] - 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	4.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	6.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	8.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.4
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible].8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible].6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible].3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible].2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible].0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible].8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible].6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible].3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible].1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible].0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible].9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible].8
11	[illegible]	[illegible]	[illegible]	[illegible]	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	117	103	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible].5
[illegible]	[illegible]	153	[illegible]	[illegible]	121	109	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4

Table 17--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
60 - 6	176	148	115	78	37	6								560	566	5.2
7	176	153	127	98	66	32	6							658	662	6.1
8	176	156	135	112	86	56	28	6						755	749	7.0
9	176	158	141	122	100	75	49	24	6					851	845	7.9
10	176	160	145	129	111	90	68	45	23	6				953	945	8.8
11	176	162	148	134	119	102	82	62	40	21	6			1052	1043	9.6
12	176	163	151	138	125	110	93	75	55	37	19	6		1148	1137	10.5
13	176	165	153	141	129	117	101	85	68	51	33	18	6	1243	1231	11.4
62 - 6	189	158	122	82	39	6								596	603	5.2
7	189	163	135	104	69	33	6							699	703	6.1
8	189	167	144	119	92	59	29	6						805	799	7.0
9	189	169	151	129	107	80	52	26	6					909	902	7.9
10	189	171	156	137	118	96	72	47	24	6				1016	1008	8.8
11	189	174	158	142	127	108	88	65	42	22	6			1121	1113	9.6
12	189	175	161	147	133	117	99	80	59	39	20	6		1225	1214	10.5
13	189	176	163	151	138	124	107	90	73	54	35	19	6	1325	1313	11.4
64 - 6	201	168	130	88	41	6								634	642	5.2
7	201	174	144	111	74	35	6							745	749	6.1
8	201	178	153	127	97	63	30	6						855	849	7.0
9	201	180	160	138	113	84	55	27	6					964	957	7.9
10	201	183	165	146	126	102	76	50	25	6				1080	1071	8.8
11	201	185	169	152	134	115	93	69	44	23	6			1191	1182	9.6
12	201	186	172	157	141	124	105	84	62	40	21	6		1299	1288	10.5
13	201	187	174	160	147	132	114	96	77	58	37	19	6	1408	1396	11.4
66 - 6	215	180	138	93	43	6								675	684	5.2
7	215	186	153	118	78	37	6							793	798	6.1
8	215	190	164	135	103	66	31	6						910	904	7.0
9	215	192	170	147	120	89	58	28	6					1025	1018	7.9
10	215	196	176	156	134	108	80	52	26	6				1149	1140	8.8
11	215	197	180	162	143	122	99	73	47	24	6			1268	1259	9.6
12	215	199	183	168	151	132	112	89	66	43	22	6		1386	1375	10.5
13	215	200	186	171	157	140	121	102	82	61	39	20	6	1500	1490	11.4
68 - 6	228	191	147	98	45	6								715	725	5.2
7	228	197	162	125	82	38	6							838	844	6.1
8	228	202	174	143	109	70	33	6						965	959	7.0
9	228	204	181	156	127	94	61	29	6					1086	1080	7.9
10	228	208	187	165	142	114	85	55	27	6				1217	1209	8.7
11	228	209	191	172	152	129	104	77	49	24	6			1341	1333	9.6
12	228	211	195	177	160	140	118	94	69	45	22	6		1465	1455	10.5
13	228	213	197	182	166	149	129	108	86	64	41	21	6	1590	1577	11.4
70 - 6	242	202	156	104	47	6								757	768	5.2
7	242	209	172	132	86	40	6							887	893	6.1
8	242	213	184	151	115	74	34	6						1019	1013	7.0
9	242	217	192	165	134	100	64	30	6					1150	1144	7.8
10	242	220	198	175	150	120	89	58	28	6				1286	1278	8.7
11	242	222	203	182	160	137	110	80	51	25	6			1418	1410	9.6
12	242	224	206	188	169	148	125	100	73	47	23	6		1551	1540	10.5
13	242	225	209	192	176	158	136	114	90	67	43	22	6	1680	1667	11.3
72 - 6	256	213	164	109	49	6								797	809	5.2
7	256	221	182	139	91	42	6							937	944	6.1
8	256	226	195	160	121	77	35	6						1076	1070	7.0
9	256	229	203	174	142	105	67	31	6					1213	1208	7.8
10	256	233	209	185	158	127	94	60	29	6				1357	1350	8.7
11	256	235	214	192	170	144	116	85	53	27	6			1498	1489	9.6
12	256	237	218	199	179	156	131	105	76	49	24	6		1636	1625	10.5
13	256	239	221	204	186	166	143	120	95	70	44	22	6	1772	1761	11.3
74 - 7	271	234	192	146	95	44	6							988	996	6.1
8	271	239	205	168	127	81	37	6						1134	1128	7.0
9	271	242	214	183	150	110	70	33	6					1279	1273	7.8
10	271	246	222	195	167	134	99	63	30	6				1433	1425	8.7
11	271	248	227	203	179	152	122	89	56	28	6			1581	1573	9.6
12	271	250	230	210	189	165	138	110	80	51	25	6		1725	1715	10.5
13	271	252	234	215	196	176	151	126	100	74	46	23	6	1870	1858	11.3

Table 17--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length in logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
76 - 7	287	248	203	155	100	46	6							1045	1053	6.1
8	287	253	218	178	134	85	39	6						1200	1194	7.0
9	287	256	227	194	158	116	74	34	6					1352	1347	7.8
10	287	260	234	206	176	141	104	66	31	6				1511	1505	8.7
11	287	263	240	214	189	160	129	93	58	28	6			1667	1660	9.6
12	287	265	244	222	199	174	146	116	84	53	26	6		1822	1812	10.5
13	287	266	248	227	208	186	159	133	106	78	48	24	6	1976	1964	11.3
78 - 7	302	260	213	162	105	48	6							1096	1105	6.1
8	302	266	228	187	141	89	40	6						1259	1253	7.0
9	302	270	239	204	166	122	77	35	6					1421	1416	7.8
10	302	274	247	217	185	148	109	69	32	6				1589	1582	8.7
11	302	277	252	226	199	169	135	98	61	29	6			1754	1746	9.6
12	302	280	256	234	209	183	153	122	88	55	27	6		1915	1905	10.4
13	302	281	260	239	218	195	167	140	110	81	50	24	6	2073	2062	11.3
80 - 7	318	274	224	170	110	49	6							1151	1162	6.1
8	318	280	240	196	148	93	41	6						1322	1316	7.0
9	318	284	251	214	174	127	80	37	6					1491	1486	7.8
10	318	288	259	228	194	156	114	72	33	6				1668	1662	8.7
11	318	292	266	237	208	177	141	102	64	30	6			1841	1833	9.6
12	318	294	270	246	220	192	160	127	92	58	28	6		2011	2000	10.4
13	318	296	274	251	229	205	176	146	116	85	52	25	6	2179	2168	11.3

Table 18--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	5													5	10	2.2
14 - 1	8													8	10	1.7
2	8	6												14	16	2.4
3	8	7	6											21	24	3.8
16 - 1	11													11	12	1.5
2	11	6												17	18	2.1
3	11	8	6											25	26	3.2
4	11	10	8	6										35	36	[illegible].3
5	11	10	9	7	6									43	44	5.3
18 - 1	14													14	16	1.5
2	14	6												20	20	2.0
3	14	10	6											30	30	2.9
4	14	12	9	6										41	40	3.9
5	14	12	11	8	6									51	50	4.9
6	14	13	12	10	8	6								63	62	5.9
20 - 2	18	6												24	24	1.9
3	18	12	6											36	36	2.8
4	18	15	11	6										50	49	3.8
5	18	16	13	10	6									63	62	4.7
6	18	16	14	12	9	6								75	73	5.7
7	18	16	15	13	11	8	6							87	86	6.6
22 - 2	22	6												28	29	1.8
3	22	14	6											42	43	2.8
4	22	18	12	6										58	57	3.7
5	22	19	15	11	6									73	72	4.6
6	22	19	17	14	10	6								88	86	5.5
7	22	20	18	16	13	9	6							104	103	6.4
8	22	20	18	17	14	12	9	6						118	115	7.4
9	22	20	19	17	16	14	11	8	6					133	130	8.3
24 - 2	26	6												32	33	1.8
3	26	17	6											49	49	2.7
4	26	21	14	6										67	66	3.6
5	26	23	18	12	6									85	83	4.5
6	26	23	20	16	11	6								102	99	5.4
7	26	24	21	18	15	10	6							120	117	6.4
8	26	24	22	20	17	13	10	6						138	134	7.3
9	26	24	23	21	18	16	12	9	6					155	151	8.2
26 - 2	31	6												37	36	1.8
3	31	19	6											56	57	2.7
4	31	24	15	6										76	76	3.6
5	31	27	20	13	6									97	96	4.5
6	31	28	23	18	12	6								118	116	5.4
7	31	28	25	21	16	11	6							138	135	6.3
8	31	29	26	23	19	15	10	6						159	157	7.2
9	31	29	27	24	21	18	14	10	6					180	176	8.1
10	31	29	27	25	23	20	17	13	10	6				201	195	9.0
28 - 3	37	22	6											65	66	2.7
4	37	28	17	6										88	89	3.6
5	37	31	24	15	6									113	113	4.5
6	37	32	27	21	13	6								136	134	5.4
7	37	33	29	24	18	12	6							159	156	6.3
8	37	34	30	27	22	17	11	6						184	180	7.2
9	37	34	31	28	24	20	16	11	6					207	203	8.1
10	37	34	32	29	26	23	19	15	10	6				231	225	9.0
30 - 3	43	24	6											73	75	2.7
4	43	32	19	6										100	100	3.6
5	43	35	27	1[illegible]	6									127	127	4.5
6	43	37	31	23	14	6								154	153	5.4
7	43	38	33	28	20	13	6							181	179	6.2
8	43	39	35	30	25	18	12	6						208	205	7.2
9	43	39	36	32	28	23	17	11	6					235	229	8.0
10	43	40	37	33	30	26	21	16	11	6				263	257	9.0

Table 18--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	49	28	6											83	85	2.7
4	49	37	21	6										113	114	3.5
5	49	40	30	18	6									147	142	4.4
6	49	42	35	26	16	6								174	[illegible]	5.3
7	49	43	36	31	23	14	6							204	[illegible]	6.2
8	49	44	39	[illegible]	28	20	13	6						[illegible]	[illegible]	7.1
9	49	45	41	36	31	25	19	12	6					[illegible]	[illegible]	8.0
10	49	45	42	[illegible]	34	29	23	18	11	6				[illegible]	[illegible]	8.9
11	49	46	43	39	35	31	27	22	16	11	6			[illegible]	[illegible]	9.8
34 - 3	55	31	6											92	95	2.7
4	55	41	23	6										125	[illegible]	3.5
5	55	46	34	19	6									160	[illegible]	4.4
6	55	48	39	29	17	6								194	[illegible]	5.3
7	55	49	42	34	25	15	6							[illegible]	[illegible]	6.2
8	55	50	45	38	31	23	14	6						[illegible]	258	7.1
9	55	51	46	41	35	28	20	13	6					[illegible]	[illegible]	8.0
10	55	51	48	43	38	32	26	19	12	6				[illegible]	[illegible]	8.9
11	55	52	48	44	40	35	30	24	18	12	6			[illegible]	[illegible]	9.8
36 - 3	62	34	6											102	105	2.6
4	62	46	25	6										[illegible]	141	3.5
5	62	51	37	21	6									177	178	4.4
6	62	54	44	32	18	6								[illegible]	[illegible]	[illegible]
7	62	55	48	38	26	16	6							[illegible]	[illegible]	[illegible]
8	62	56	50	43	34	24	15	6						[illegible]	[illegible]	[illegible]
9	62	57	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	[illegible]	[illegible]
10	62	58	53	48	[illegible]	[illegible]	[illegible]	21	[illegible]	6				[illegible]	[illegible]	[illegible]
11	62	58	54	49	45	40	[illegible]	[illegible]	[illegible]	[illegible]	6			[illegible]	[illegible]	[illegible]
12	62	58	55	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	6		[illegible]	[illegible]	[illegible]
38 - 3	70	39	6											[illegible]	[illegible]	[illegible]
4	70	52	[illegible]	6										[illegible]	[illegible]	[illegible]
5	70	57	41	23	6									[illegible]	[illegible]	[illegible]
6	70	60	49	35	19	6								[illegible]	[illegible]	[illegible]
7	70	62	[illegible]	[illegible]	30	17	6							[illegible]	[illegible]	[illegible]
8	70	[illegible]	[illegible]	48	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	[illegible]
9	70	[illegible]	[illegible]	51	[illegible]	34	[illegible]	[illegible]	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6				[illegible]	[illegible]	[illegible]
11	70	[illegible]	61	55	[illegible]	[illegible]	37	[illegible]	21	[illegible]	6			[illegible]	[illegible]	9.5
12	[illegible]	[illegible]	[illegible]	57	52	[illegible]	41	[illegible]	27	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
40 - 3	78	41	6											[illegible]	[illegible]	[illegible]
4	78	57	30	6										[illegible]	[illegible]	[illegible]
5	78	63	46	24	6									217	[illegible]	[illegible]
6	78	67	53	39	21	6								[illegible]	[illegible]	[illegible]
7	78	[illegible]	58	47	[illegible]	18	6							[illegible]	[illegible]	[illegible]
8	78	70	62	52	42	29	17	6						[illegible]	[illegible]	[illegible]
9	78	71	[illegible]	56	[illegible]	[illegible]	[illegible]	15	6					[illegible]	[illegible]	[illegible]
10	78	72	[illegible]	[illegible]	52	44	34	24	[illegible]	6				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]	6			[illegible]	[illegible]	[illegible]
12	78	[illegible]	[illegible]	[illegible]	58	51	45	[illegible]	29	21	[illegible]	6		[illegible]	[illegible]	[illegible]
42 - 4	86	62	[illegible]	6										[illegible]	[illegible]	[illegible]
5	86	70	49	[illegible]	6									[illegible]	[illegible]	[illegible]
6	86	74	[illegible]	42	22	6								[illegible]	[illegible]	[illegible]
7	86	76	64	51	[illegible]	20	6							[illegible]	[illegible]	[illegible]
8	86	77	[illegible]	57	[illegible]	31	18	6						[illegible]	[illegible]	7.1
9	86	78	70	62	52	40	28	16	6					[illegible]	[illegible]	[illegible]
10	86	79	72	65	57	48	37	26	15	6				[illegible]	[illegible]	[illegible]
11	86	80	74	[illegible]	[illegible]	[illegible]	44	34	24	[illegible]	6			[illegible]	[illegible]	[illegible]
12	86	80	[illegible]	69	63	56	49	40	[illegible]	22	[illegible]	6		[illegible]	[illegible]	[illegible]
44 - 4	95	69	35	6										[illegible]	210	3.5
5	95	77	54	28	6									[illegible]	[illegible]	4.4
6	95	81	64	46	24	6								[illegible]	[illegible]	[illegible]
7	95	84	70	56	39	21	6							371	372	[illegible]
8	95	85	75	63	50	34	18	6						[illegible]	[illegible]	[illegible]
9	95	86	76	68	57	44	30	17	6					481	475	[illegible]
10	95	87	80	72	62	52	40	28	16	6				538	531	[illegible]
11	95	88	82	74	66	58	48	37	25	15	6			594	587	[illegible]
12	95	89	82	76	69	62	53	44	34	24	14	6		648	639	10.6
13	95	89	84	78	72	65	57	49	41	32	22	[illegible]	6	703	693	11.5

Table 18--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 4	104	75	38	6										223	229	3.5
5	104	84	59	30	6									283	287	4.4
6	104	88	70	49	25	6								342	344	5.3
7	104	92	77	61	42	22	6							404	406	6.2
8	104	93	82	68	54	37	19	6						463	463	7.1
9	104	94	85	74	62	48	32	18	6					523	517	8.0
10	104	95	87	78	68	56	43	30	17	6				584	577	8.8
11	104	96	89	80	72	63	52	40	27	16	6			645	637	9.7
12	104	97	90	83	76	67	58	48	36	25	15	6		705	696	10.6
13	104	98	92	85	78	71	62	53	44	34	23	14	6	764	754	11.5
48 - 5	114	92	64	32	6									308	312	4.4
6	114	97	77	53	27	6								374	376	5.3
7	114	100	84	66	46	24	6							440	440	6.2
8	114	102	89	75	58	40	21	6						505	499	7.1
9	114	103	93	80	67	51	35	19	6					568	562	7.9
10	114	105	95	85	74	61	47	32	18	6				637	630	8.8
11	114	106	97	88	78	68	56	43	29	16	6			701	694	9.7
12	114	106	99	91	82	73	63	51	39	27	15	6		766	758	10.6
13	114	107	100	93	86	78	67	58	48	36	25	14	6	832	823	11.5
50 - 5	124	99	69	34	6									332	337	4.4
6	124	105	82	57	29	6								403	406	5.3
7	124	108	90	71	49	25	6							473	473	6.2
8	124	111	96	80	63	42	22	6						544	538	7.0
9	124	112	100	87	73	55	37	20	6					614	606	7.9
10	124	114	103	92	80	66	50	34	18	6				687	678	8.8
11	124	114	106	95	85	74	60	46	31	17	6			758	751	9.7
12	124	116	107	98	89	79	67	55	42	28	16	6		827	819	10.6
13	124	116	108	100	93	84	73	62	51	39	26	15	6	897	888	11.4
52 - 5	134	107	74	36	6									357	363	4.4
6	134	113	89	61	30	6								433	437	5.3
7	134	117	98	77	52	26	6							510	511	6.2
8	134	120	104	87	67	45	23	6						586	580	7.0
9	134	121	108	94	78	59	40	21	6					661	653	7.9
10	134	123	112	99	86	71	54	36	19	6				740	731	8.8
11	134	124	114	103	92	79	65	49	33	18	6			817	809	9.7
12	134	125	116	106	96	85	73	59	44	30	17	6		891	882	10.6
13	134	126	117	108	100	90	78	67	54	41	28	16	6	965	955	11.4
54 - 5	146	116	80	39	6									387	392	4.4
6	146	123	96	66	32	6								469	473	5.3
7	146	127	106	82	55	28	6							550	552	6.2
8	146	129	113	94	72	48	24	6						632	626	7.0
9	146	131	117	102	84	63	42	22	6					713	705	7.9
10	146	133	120	107	93	76	58	39	20	6				798	789	8.8
11	146	134	123	112	99	85	70	52	35	19	6			881	873	9.7
12	146	135	125	115	104	92	78	63	48	32	17	6		961	952	10.6
13	146	136	127	117	108	97	85	72	58	44	29	16	6	1041	1031	11.4
56 - 5	157	124	85	41	6									413	420	4.4
6	157	132	103	70	34	6								502	507	5.3
7	157	136	113	88	59	29	6							588	590	6.2
8	157	139	120	100	78	51	25	6						676	670	7.0
9	157	141	126	108	90	67	45	23	6					763	755	7.9
10	157	143	129	115	99	81	61	41	21	6				853	844	8.8
11	157	144	132	119	106	91	74	55	37	20	6			941	933	9.7
12	157	145	134	123	112	98	84	67	51	34	18	6		1029	1020	10.6
13	157	146	136	126	116	104	90	77	62	47	31	17	6	1115	1105	11.4
58 - 6	169	142	110	75	36	6								538	543	5.3
7	169	146	122	94	63	31	6							631	634	6.2
8	169	150	130	107	82	54	27	6						725	719	7.0
9	169	152	135	117	96	72	48	24	6					819	811	7.9
10	169	154	140	124	107	87	66	43	22	6				918	909	8.8
11	169	156	142	129	114	98	80	59	39	20	6			1012	1002	9.7
12	169	157	144	132	120	106	89	72	53	35	19	6		1102	1091	10.6
13	169	158	146	135	124	112	97	82	66	50	32	18	6	1195	1185	11.4

FORM CLASS
82

Table 18--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
60 - 6	181	152	117	80	38	6								574	580	5.3
7	181	157	130	100	67	32	6							[illegible]	677	6.2
8	181	160	138	114	88	57	28	6						772	[illegible]	7.0
9	181	162	144	124	103	77	50	25	6					[illegible]	865	7.9
10	181	165	149	132	114	93	69	46	23	6				[illegible]	[illegible]	8.8
11	181	166	152	137	122	104	85	63	41	21	6			1078	1068	9.7
12	181	168	155	142	128	113	95	77	57	38	20	6		[illegible]	1148	10.5
13	181	169	157	144	132	119	103	87	70	53	34	18	6	[illegible]	[illegible]	11.4
62 - 6	193	162	126	85	40	6								612	619	5.2
7	193	168	138	107	71	34	6							717	721	6.1
8	193	171	148	122	93	61	29	6						823	817	7.0
9	193	174	154	132	109	82	53	26	6					929	922	7.9
10	193	176	159	140	121	98	74	48	24	6				1034	1031	8.8
11	193	178	162	146	129	111	90	66	43	[illegible]	6			1146	1137	9.7
12	193	179	165	151	136	120	101	82	60	39	[illegible]	[illegible]		[illegible]	1242	10.5
13	193	180	168	154	142	127	110	93	74	55	36	19	[illegible]	1357	1344	11.4
64 - 6	207	173	134	90	42	6								[illegible]	[illegible]	5.2
7	207	179	148	114	75	36	6							[illegible]	[illegible]	6.2
8	207	182	158	130	99	64	36	6						[illegible]	[illegible]	7.0
9	207	186	165	142	[illegible]	86	56	28	6					992	984	7.9
10	207	188	170	150	129	[illegible]	78	51	25	6				1108	1099	8.8
11	207	190	174	156	138	118	95	70	45	23	6			1222	1212	9.7
12	207	191	176	161	145	127	108	86	63	41	21	6		[illegible]	1321	10.5
13	207	192	179	165	151	136	117	99	[illegible]	59	[illegible]	[illegible]	6	[illegible]	[illegible]	11.4
66 - 6	220	184	142	95	[illegible]	6								[illegible]	[illegible]	5.2
7	220	190	157	120	80	47	6							[illegible]	[illegible]	6.1
8	220	194	168	138	105	[illegible]	32	6						[illegible]	924	7.0
9	220	197	175	150	123	92	59	29	6					[illegible]	[illegible]	7.9
10	220	200	180	160	136	111	82	53	26	6				[illegible]	[illegible]	8.8
11	220	202	184	165	146	125	101	74	48	[illegible]	6			[illegible]	[illegible]	9.6
12	220	204	187	171	154	135	114	92	67	43	22	6		[illegible]	[illegible]	10.5
13	220	204	190	175	160	144	124	104	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	1522	11.4
68 - 6	234	196	151	100	[illegible]	6								[illegible]	[illegible]	5.2
7	[illegible]	[illegible]	167	128	84	[illegible]	6							[illegible]	[illegible]	[illegible]
8	234	[illegible]	178	146	112	[illegible]	33	6						[illegible]	981	[illegible]
9	234	[illegible]	186	160	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	1108	[illegible]
10	234	213	192	169	145	117	87	[illegible]	27	6				[illegible]	[illegible]	[illegible]
11	234	215	196	176	156	132	107	78	50	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	234	217	200	182	164	144	121	96	71	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	234	218	203	186	170	[illegible]	132	[illegible]	88	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70 - 6	248	207	159	106	48	6								[illegible]	[illegible]	[illegible]
7	248	214	176	135	87	41	6							[illegible]	[illegible]	[illegible]
8	248	219	189	155	117	[illegible]	35	[illegible]						[illegible]	[illegible]	[illegible]
9	248	222	196	168	138	102	65	31	6					[illegible]	[illegible]	[illegible]
10	248	225	203	180	157	124	92	59	28	6				[illegible]	[illegible]	[illegible]
11	248	228	208	186	165	140	113	82	52	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	248	229	211	192	174	152	127	102	74	48	24	[illegible]		[illegible]	[illegible]	[illegible]
13	248	231	214	197	180	161	139	117	93	68	43	22	[illegible]	[illegible]	[illegible]	11.4
72 - 7	263	227	186	142	93	43	6							[illegible]	[illegible]	[illegible]
8	263	232	200	163	124	78	36	6						[illegible]	[illegible]	7.0
9	263	235	208	178	146	107	68	32	6					[illegible]	[illegible]	7.9
10	263	239	215	189	162	130	96	62	29	6				[illegible]	1383	8.8
11	263	241	220	197	174	148	119	87	55	[illegible]	[illegible]			1537	1527	9.6
12	263	242	223	204	182	160	134	107	78	50	24	[illegible]		[illegible]	1662	[illegible]
13	263	244	227	208	190	170	146	123	98	[illegible]	45	23	[illegible]	[illegible]	1803	11.4
74 - 7	278	240	197	150	98	44	6							[illegible]	1022	[illegible]
8	278	245	211	173	131	82	38	6						[illegible]	1158	7.0
9	278	249	220	189	153	113	72	33	6					[illegible]	1307	7.9
10	278	253	228	200	171	138	102	65	30	6				1471	1463	8.7
11	278	256	233	208	183	156	125	91	57	28	6			1621	1613	[illegible]
12	278	257	236	216	193	169	142	113	82	52	25	6		[illegible]	1759	10.5
13	278	259	240	221	201	180	155	129	103	76	47	23	6	1918	1906	11.4

Table 18--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
76 - 7	294	253	208	158	103	46	6							1068	1077	6.1
8	294	258	222	182	137	87	39	6						1225	1219	7.0
9	294	263	232	198	162	119	75	35	6					1384	1378	7.9
10	294	266	240	211	180	144	106	67	32	6				1546	1539	8.7
11	294	269	245	219	193	164	131	95	60	29	6			1705	1696	9.6
12	294	272	249	227	204	178	149	119	86	54	26	6		1864	1854	10.5
13	294	273	253	233	212	189	162	136	107	79	49	24	6	2017	2005	11.4
78 - 7	310	267	219	166	107	48	6							1123	1133	6.1
8	310	273	234	192	144	91	41	6						1291	1285	7.0
9	310	277	245	209	170	124	78	36	6					1455	1449	7.9
10	310	281	253	222	189	152	112	71	33	6				1629	1621	8.7
11	310	284	258	232	204	173	138	100	62	30	6			1797	1788	9.6
12	310	286	263	240	215	188	157	124	90	56	27	6		1962	1952	10.5
13	310	288	267	245	224	200	171	143	113	82	51	25	6	2125	2113	11.4
80 - 7	326	280	230	174	113	50	6							1179	1190	6.1
8	326	287	246	201	151	95	42	6						1354	1348	7.0
9	326	291	257	219	179	131	82	38	6					1529	1523	7.8
10	326	296	266	234	199	160	117	74	34	6				1712	1705	8.7
11	326	299	272	243	214	182	144	104	65	31	6			1886	1877	9.6
12	326	301	277	252	226	197	165	131	94	59	28	6		2062	2051	10.5
13	326	304	280	257	235	210	180	150	118	86	53	26	6	2231	2218	11.3

Table 19--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	[illegible]													[illegible]	11	2.4
14 - 1	8													8	10	1.7
2	[illegible]	[illegible]												14	15	2.4
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	3.7
16 - 1	11													11	[illegible]	[illegible]
2	11	[illegible]												[illegible]	18	[illegible]
3	11	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	11	10	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	11	10	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
18 - 1	14													[illegible]	[illegible]	1.5
2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	14	11	[illegible]											[illegible]	[illegible]	[illegible]
4	14	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	11	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
20 - 2	[illegible]	[illegible]												[illegible]	[illegible]	1.9
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	11	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
22 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	118	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
24 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
26 - 2	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
28 - 3	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	31	[illegible]	22	17	11	6						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	19	[illegible]	10	[illegible]				[illegible]	[illegible]	[illegible]
30 - 3	44	[illegible]	[illegible]											[illegible]	78	[illegible]
4	44	[illegible]	[illegible]	[illegible]										102	104	[illegible]
5	44	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	44	[illegible]	[illegible]	[illegible]	15	[illegible]								158	[illegible]	[illegible]
7	44	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]							[illegible]	183	[illegible]
8	44	40	[illegible]	[illegible]	[illegible]	[illegible]	12	[illegible]						212	[illegible]	[illegible]
9	44	40	[illegible]	[illegible]	28	[illegible]	17	11	[illegible]					[illegible]	[illegible]	8.1
10	44	41	38	34	[illegible]	26	22	16	11	[illegible]				268	[illegible]	9.0

Table 19--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	50	28	6											84	86	2.7
4	50	38	22	6										116	116	3.6
5	50	41	31	18	6									146	147	4.4
6	50	44	36	27	16	6								179	178	5.4
7	50	45	39	31	23	14	6							208	206	6.2
8	50	46	41	35	29	21	13	6						241	238	7.1
9	50	46	42	37	32	26	19	12	6					270	264	8.0
10	50	47	43	39	35	30	24	18	12	6				304	298	8.9
11	50	47	44	40	36	32	28	22	17	11	6			333	326	9.8
34 - 3	57	31	6											94	97	2.7
4	57	43	23	6										129	131	3.6
5	57	47	34	19	6									163	164	4.4
6	57	49	40	29	17	6								198	198	5.3
7	57	51	43	35	26	15	6							233	232	6.2
8	57	51	46	39	32	23	14	6						268	265	7.1
9	57	52	47	42	36	29	21	13	6					303	297	8.0
10	57	53	48	44	39	33	27	19	12	6				338	331	8.9
11	57	53	49	45	41	36	31	24	18	12	6			372	363	9.8
36 - 3	64	35	6											105	108	2.7
4	64	48	26	6										144	146	3.5
5	64	53	38	21	6									182	183	4.4
6	64	55	45	32	18	6								220	221	5.3
7	64	57	49	39	28	16	6							259	259	6.2
8	64	58	51	44	35	25	15	6						298	296	7.1
9	64	58	53	47	40	31	23	14	6					336	330	8.0
10	64	59	55	49	44	37	29	21	13	6				377	370	8.9
11	64	60	55	51	46	40	34	27	19	12	6			414	407	9.8
12	64	60	56	52	48	43	38	31	25	18	12	6		453	443	10.7
38 - 3	72	38	6											116	121	2.7
4	72	53	28	6										159	162	3.5
5	72	58	42	23	6									201	202	4.4
6	72	62	49	36	20	6								245	246	5.3
7	72	63	54	43	31	18	6							287	286	6.2
8	72	65	57	48	39	28	16	6						331	328	7.1
9	72	65	59	52	44	35	24	15	6					372	366	8.0
10	72	66	61	55	48	40	32	23	14	6				417	410	8.9
11	72	66	62	56	51	45	38	29	21	13	6			459	451	9.8
12	72	67	62	58	53	48	41	35	27	19	12	6		500	492	10.7
40 - 3	80	42	6											128	134	2.7
4	80	58	30	6										174	178	3.5
5	80	65	46	25	6									222	224	4.4
6	80	68	55	39	21	6								269	271	5.3
7	80	71	60	48	34	19	6							318	318	6.2
8	80	72	63	53	43	30	17	6						364	362	7.1
9	80	73	66	58	49	38	27	16	6					413	407	8.0
10	80	74	67	61	53	44	35	24	15	6				459	452	8.9
11	80	74	69	62	56	49	41	32	23	14	6			506	498	9.8
12	80	75	70	64	59	53	46	38	30	21	13	6		555	546	10.7
42 - 4	89	64	33	6										192	196	3.5
5	89	72	51	27	6									245	246	4.4
6	89	76	60	43	23	6								297	297	5.3
7	89	78	66	53	37	20	6							349	349	6.2
8	89	80	70	59	47	32	18	6						401	399	7.1
9	89	80	73	63	53	41	29	16	6					450	444	8.0
10	89	82	75	67	58	49	38	27	16	6				507	499	8.9
11	89	82	76	69	62	54	45	35	24	14	6			556	548	9.8
12	89	83	77	71	65	58	50	41	32	23	14	6		609	598	10.6
44 - 4	98	70	36	6										210	215	3.5
5	98	78	55	29	6									266	268	4.4
6	98	83	66	46	24	6								323	324	5.3
7	98	85	72	57	40	21	6							380	382	6.2
8	98	87	77	64	51	35	19	6						437	436	7.1
9	98	88	80	69	58	45	31	17	6					492	486	8.0
10	98	89	82	73	64	53	41	28	16	6				550	543	8.9
11	98	90	83	76	68	59	49	38	26	15	6			608	600	9.8
12	98	91	85	78	71	63	54	45	34	24	14	6		663	654	10.6
13	98	92	86	80	74	66	58	50	41	32	22	13	6	718	708	11.5

FORM CLASS
83

Table 19--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 4	[illegible]	[illegible]	30	[illegible]										224	234	3.5
5	107	86	60	[illegible]	[illegible]									289	293	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								352	354	5.3
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							414	416	6.2
8	[illegible]	[illegible]	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						476	475	7.1
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6					536	530	8.0
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	592	8.9
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	654	9.8
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	6	784	[illegible]	[illegible]
48 - 5	[illegible]	[illegible]	[illegible]	[illegible]	6									314	[illegible]	4.4
6	117	[illegible]	[illegible]	54	[illegible]	[illegible]								[illegible]	383	5.3
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							448	450	6.2
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]						514	514	7.1
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	573	8.0
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]				650	643	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	708	9.7
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		783	774	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	848	838	11.5
50 - 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									340	[illegible]	4.4
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	7.1
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	622	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	138	125	112	96	80	61	41	21	6					[illegible]	[illegible]	[illegible]
10	138	126	114	102	88	72	55	37	20	6				758	751	[illegible]
11	138	127	117	106	94	81	66	50	33	18	6			836	829	[illegible]
12	138	129	119	109	99	87	75	61	46	31	17	6		917	908	[illegible]
13	138	129	120	112	103	93	80	68	55	43	28	16	6	991	982	[illegible]
[illegible] - 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	400	[illegible]
6	149	126	98	67	33	6								479	482	5.3
7	149	130	108	84	57	28	6							562	564	6.2
8	149	132	115	95	74	49	24	6						644	638	7.1
9	149	134	120	104	86	65	43	22	6					729	723	8.0
10	149	136	124	110	95	78	59	39	20	6				816	810	8.8
11	149	138	126	114	101	87	71	53	35	19	6			899	892	9.7
12	149	138	128	117	106	94	80	65	48	32	18	6		981	972	10.6
13	149	139	130	120	110	99	86	74	59	45	30	17	6	1064	1053	11.5
56 - 6	161	135	106	72	35	6								515	519	5.3
7	161	140	116	90	61	30	6							604	606	6.2
8	161	143	124	103	79	52	26	6						694	688	7.1
9	161	145	129	112	92	69	46	23	6					783	777	8.0
10	161	147	133	118	102	83	63	42	22	6				877	870	8.8
11	161	148	136	122	109	94	76	57	38	20	6			967	959	9.7
12	161	149	138	127	114	101	86	69	51	34	18	6		1054	1046	10.6
13	161	151	140	129	119	107	93	78	63	48	31	17	6	1143	1134	11.5
58 - 6	173	145	113	77	36	6								550	556	5.3
7	173	150	124	96	64	31	6							644	647	6.2
8	173	153	132	110	84	55	27	6						740	734	7.0
9	173	156	138	119	98	74	49	24	6					837	831	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	928	8.8
11	[illegible]	[illegible]	[illegible]	[illegible]	116	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]			[illegible]	1025	9.7
12	173	160	148	135	122	108	91	74	55	36	19	6		1127	1118	10.6
13	173	161	150	138	127	114	99	84	67	51	33	18	6	1221	1211	11.5

Table 19--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
60 - 6	186	156	120	82	39	6								589	595	5.3
7	186	161	133	103	68	33	6							690	693	6.2
8	186	164	142	117	90	58	28	6						791	785	7.0
9	186	167	148	127	105	78	51	25	6					893	886	7.9
10	186	169	153	135	116	94	71	47	23	6				1000	991	8.8
11	186	170	156	140	124	107	86	64	42	22	6			1103	1096	9.7
12	186	172	158	145	131	115	98	78	58	38	20	6		1205	1196	10.6
13	186	173	161	148	136	122	106	89	72	54	35	18	6	1306	1297	11.4
62 - 6	199	166	129	87	41	6								628	635	5.3
7	199	172	142	110	73	35	6							737	740	6.2
8	199	176	152	126	96	62	30	6						847	841	7.0
9	199	178	158	136	112	84	54	27	6					954	946	7.9
10	199	181	163	144	124	101	75	49	24	6				1066	1058	8.8
11	199	182	167	150	133	114	92	68	44	23	6			1178	1168	9.7
12	199	184	170	155	140	123	104	84	62	40	21	6		1288	1277	10.6
13	199	186	172	158	145	131	113	95	76	57	36	19	6	1393	1385	11.4
64 - 6	212	177	136	92	43	6								666	674	5.3
7	212	183	151	116	77	36	6							781	786	6.2
8	212	187	161	133	102	66	31	6						898	892	7.0
9	212	189	168	144	119	88	57	28	6					1091	1003	7.9
10	212	192	174	153	132	107	80	52	25	6				1133	1124	8.8
11	212	194	177	160	141	120	98	72	46	23	6			1249	1239	9.7
12	212	196	180	165	148	131	110	88	65	42	22	6		1365	1353	10.6
13	212	197	183	168	155	138	120	101	80	60	38	20	6	1478	1468	11.4
66 - 6	226	189	145	97	45	6								708	717	5.3
7	226	195	161	124	81	38	6							831	836	6.2
8	226	200	172	141	108	69	32	6						954	948	7.0
9	226	202	180	154	126	94	60	29	6					1077	1069	7.9
10	226	205	185	163	140	113	84	55	27	6				1204	1193	8.8
11	226	208	189	170	150	128	103	76	49	24	6			1329	1319	9.7
12	226	208	192	176	158	138	117	94	68	44	22	6		1449	1438	10.6
13	226	210	195	180	165	147	127	107	85	63	40	21	6	1572	1562	11.4
68 - 6	240	200	153	103	47	6								749	759	5.3
7	240	207	170	131	86	40	6							880	885	6.2
8	240	212	182	149	114	73	34	6						1010	1004	7.0
9	240	214	190	162	133	99	63	30	6					1137	1130	7.9
10	240	218	196	173	148	120	89	57	28	6				1275	1266	8.8
11	240	220	200	180	159	136	109	80	51	25	6			1406	1396	9.7
12	240	222	204	186	168	146	124	99	72	46	23	6		1536	1525	10.5
13	240	223	207	190	174	156	134	113	90	66	42	21	6	1662	1650	11.4
70 - 7	255	220	181	138	90	41	6							931	938	6.1
8	255	224	193	158	120	77	35	6						1068	1062	7.0
9	255	228	201	173	141	104	65	31	6					1205	1198	7.9
10	255	231	208	183	157	127	94	60	29	6				1350	1341	8.8
11	255	234	213	191	168	144	115	84	53	26	6			1489	1480	9.6
12	255	235	217	197	177	156	131	104	76	49	24	6		1627	1615	10.5
13	255	237	220	202	185	165	142	119	95	70	44	22	6	1762	1749	11.4
72 - 7	270	233	191	146	95	43	6							984	991	6.1
8	270	238	204	168	127	80	37	6						1130	1124	7.0
9	270	241	213	182	149	110	70	33	6					1274	1267	7.9
10	270	245	221	194	166	134	99	63	30	6				1428	1419	8.8
11	270	248	226	202	176	152	122	89	56	28	6			1577	1566	9.6
12	270	249	229	209	188	165	138	110	80	51	25	6		1720	1708	10.5
13	270	251	233	214	196	175	151	126	100	74	46	23	6	1865	1852	11.4
74 - 7	285	246	201	153	100	45	6							1036	1044	6.1
8	285	251	216	176	133	85	38	6						1190	1184	7.0
9	285	255	225	192	157	116	73	34	6					1343	1336	7.9
10	285	258	233	205	175	140	104	66	31	6				1503	1494	8.8
11	285	261	238	213	188	160	128	93	58	28	6			1658	1650	9.6
12	285	263	242	221	198	173	145	116	83	53	26	6		1811	1800	10.5
13	285	265	246	226	206	184	158	132	105	77	48	24	6	1962	1949	11.4
76 - 7	302	259	213	162	105	47	6							1094	1103	6.1
8	302	266	228	186	140	89	40	6						1257	1251	7.0
9	302	269	238	204	165	121	77	35	6					1417	1411	7.9
10	302	273	246	216	185	148	109	69	32	6				1586	1578	8.8
11	302	276	251	225	198	168	134	98	61	29	6			1748	1739	9.6
12	302	278	256	233	208	182	153	121	87	55	27	6		1908	1897	10.5
13	302	280	259	239	218	194	167	139	110	80	50	24	6	2068	2056	11.4

Table 19--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
78 - 7	317	273	223	170	110	49	6							1148	1158	[illegible]
8	317	280	240	196	147	93	41	6						1320	1314	[illegible]
9	317	283	250	213	174	127	80	37	6					1487	1480	[illegible]
10	317	287	258	228	194	156	114	72	33	6				1665	1657	[illegible]
11	317	291	265	237	208	176	141	102	63	30	6			1836	1828	[illegible]
12	317	293	269	245	219	192	160	127	92	58	28	6		2006	1994	[illegible]
13	317	295	273	250	228	204	175	146	115	84	52	25	6	2170	2157	[illegible]
80 - 7	335	288	235	179	115	51	6							1209	1220	6.1
8	335	294	252	206	155	97	43	6						1388	1382	[illegible]
9	335	299	264	225	182	133	84	38	6					1566	1560	[illegible]
10	335	302	272	240	204	163	119	75	35	6				1751	1743	[illegible]
11	335	306	278	249	219	186	148	107	66	31	6			1931	1922	[illegible]
12	335	308	283	257	231	201	168	133	96	60	28	6		2106	2095	[illegible]
13	335	310	288	264	240	215	184	153	121	88	54	26	6	2284	2271	[illegible]

Table 20--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	6													6	12	2.5
14 - 1	8													8	11	1.7
2	8	6												14	15	2.4
3	8	7	6											21	23	3.7
16 - 1	11													11	13	1.5
2	11	6												17	18	2.1
3	11	9	6											26	26	3.2
4	11	10	8	6										35	36	4.3
5	11	10	9	8	6									44	45	5.2
18 - 1	15													15	16	1.5
2	15	6												21	21	2.0
3	15	11	6											32	32	3.0
4	15	12	9	6										42	41	3.9
5	15	13	11	9	6									54	53	4.9
6	15	14	12	10	8	6								65	64	5.9
20 - 2	18	6												24	24	1.9
3	18	13	6											37	37	2.8
4	18	15	11	6										50	49	3.8
5	18	16	14	10	6									64	63	4.7
6	18	17	15	12	9	6								77	76	5.7
7	18	17	16	14	12	9	6							92	90	6.6
22 - 2	23	6												29	30	1.8
3	23	15	6											44	44	2.8
4	23	18	12	6										59	59	3.7
5	23	20	16	11	6									76	75	4.6
6	23	20	18	14	10	6								91	89	5.6
7	23	21	19	16	13	10	6							108	106	6.5
8	23	21	19	18	15	12	9	6						123	120	7.4
9	23	22	20	18	16	14	12	9	6					140	137	8.3
24 - 2	28	6												34	35	1.8
3	28	18	6											52	51	2.7
4	28	22	14	6										70	69	3.6
5	28	24	19	12	6									89	87	4.6
6	28	24	21	17	11	6								107	106	5.5
7	28	25	22	19	15	10	6							125	123	6.4
8	28	26	23	21	18	14	10	6						146	143	7.3
9	28	26	24	22	19	16	13	9	6					163	160	8.2
10	28	26	24	23	20	18	16	12	9	6				182	177	9.2
26 - 2	33	6												39	37	1.8
3	33	20	6											59	60	2.7
4	33	25	16	6										80	80	3.6
5	33	28	22	14	6									103	102	4.5
6	33	29	24	19	12	6								123	121	5.4
7	33	30	26	22	17	11	6							145	144	6.3
8	33	30	27	24	20	16	11	6						167	164	7.2
9	33	30	28	25	22	18	14	10	6					186	182	8.2
10	33	30	29	26	24	21	17	14	10	6				210	206	9.1
28 - 3	39	23	6											68	70	2.7
4	39	30	18	6										93	94	3.6
5	39	32	24	15	6									116	116	4.5
6	39	34	28	22	14	6								143	141	5.4
7	39	35	30	25	19	12	6							166	163	6.3
8	39	35	31	28	23	17	11	6						190	187	7.2
9	39	35	32	29	25	21	16	11	6					214	210	8.1
10	39	36	33	30	28	24	19	15	10	6				240	234	9.0
30 - 3	45	26	6											77	80	2.7
4	45	34	20	6										105	106	3.6
5	45	37	28	17	6									133	133	4.5
6	45	39	32	24	15	6								161	160	5.4
7	45	40	35	29	21	13	6							189	187	6.3
8	45	41	36	31	26	19	12	6						216	214	7.2
9	45	41	38	33	29	23	18	12	6					245	242	8.1
10	45	41	39	35	31	27	22	17	11	6				274	268	9.0
11	45	42	39	36	33	29	25	20	16	11	6			302	295	9.9

Table 20--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	51	29	6											86	88	2.7
4	51	39	22	6										118	119	3.6
5	51	43	31	18	6									149	150	4.5
6	51	45	36	27	16	6								181	180	5.4
7	51	46	40	32	24	14	6							213	211	6.3
8	51	47	41	36	29	21	13	6						244	241	7.2
9	51	47	43	38	33	26	19	12	6					275	269	8.1
10	51	48	44	40	35	30	24	18	12	6				308	302	9.0
11	51	48	45	41	38	33	28	23	17	11	6			341	334	9.8
34 - 3	58	32	6											96	99	2.7
4	58	44	24	6										132	134	3.6
5	58	48	35	20	6									167	167	4.5
6	58	51	41	30	17	6								203	203	5.4
7	58	52	44	36	26	16	6							238	236	6.2
8	58	53	47	40	32	23	14	6						273	270	7.2
9	58	53	49	43	37	29	21	13	6					309	303	8.0
10	58	54	50	45	40	34	27	20	12	6				346	340	9.0
11	58	55	51	47	42	37	31	25	18	12	6			382	375	9.8
36 - 3	66	35	6											107	111	2.7
4	66	49	26	6										147	149	3.6
5	66	53	39	22	6									186	188	4.4
6	66	56	46	33	18	6								225	227	5.3
7	66	58	49	40	29	17	6							265	264	6.2
8	66	59	52	45	36	26	15	6						305	303	7.1
9	66	60	54	48	41	32	23	14	6					344	338	8.0
10	66	61	55	50	44	38	30	22	13	6				385	378	8.9
11	66	61	57	52	47	41	35	28	20	12	6			425	417	9.8
12	66	62	57	53	49	44	38	32	25	18	12	6		462	455	10.7
38 - 3	74	39	6											119	123	2.7
4	74	54	29	6										163	165	3.6
5	74	60	43	23	6									206	209	4.4
6	74	63	51	36	20	6								250	251	5.3
7	74	65	55	44	32	18	6							294	293	6.2
8	74	66	58	49	40	28	16	6						337	335	7.1
9	74	67	61	55	45	35	25	15	6					381	375	8.0
10	74	68	62	56	49	41	32	23	14	6				425	418	8.9
11	74	68	63	58	52	46	38	30	21	13	6			469	462	9.8
12	74	69	64	59	54	49	43	35	28	20	12	6		513	506	10.7
40 - 3	82	43	6											131	136	2.7
4	82	60	31	6										179	183	3.6
5	82	66	48	25	6									227	231	4.4
6	82	70	56	40	22	6								276	278	5.3
7	82	72	61	49	34	19	6							323	324	6.2
8	82	74	65	55	44	30	17	6						373	372	7.1
9	82	75	67	59	50	39	27	16	6					421	415	8.0
10	82	76	69	62	54	46	35	25	15	6				470	463	8.9
11	82	76	70	64	58	51	42	33	23	14	6			519	511	9.8
12	82	77	71	66	60	54	47	39	30	21	13	6		566	560	10.7
42 - 4	91	66	34	6										197	201	3.5
5	91	73	52	27	6									249	251	4.4
6	91	78	62	44	23	6								304	306	5.3
7	91	80	67	53	38	20	6							355	356	6.2
8	91	82	72	60	48	33	18	6						410	409	7.1
9	91	82	74	65	55	42	29	17	6					461	455	8.0
10	91	84	76	68	60	50	39	27	16	6				517	509	8.9
11	91	84	78	71	63	55	46	35	24	15	6			568	560	9.8
12	91	85	79	73	66	59	51	42	32	23	14	6		621	611	10.7
44 - 4	100	72	37	6										215	219	3.5
5	100	80	57	29	6									272	275	4.4
6	100	85	67	48	25	6								331	334	5.3
7	100	88	74	58	41	22	6							389	390	6.2
8	100	90	78	66	52	35	19	6						446	446	7.1
9	100	91	82	71	60	46	31	18	6					505	499	8.0
10	100	92	84	75	66	54	42	29	16	6				564	557	8.9
11	100	93	86	78	70	61	50	39	26	16	6			625	617	9.8
12	100	94	87	80	73	65	56	46	35	24	14	6		680	671	10.7
13	100	94	88	82	76	68	60	52	43	33	23	14	6	739	728	11.6

Table 20--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	110	88	62	31	6									297	301	4.4
6	110	93	74	51	26	6								360	364	5.3
7	110	96	80	63	44	23	6							422	424	6.2
8	110	98	86	72	56	38	20	6						486	486	7.1
9	110	99	89	78	65	49	34	18	6					548	542	8.0
10	110	100	92	82	71	58	45	31	17	6				612	605	8.9
11	110	102	93	85	76	66	54	41	29	16	6			677	669	9.8
12	110	102	95	87	79	70	60	49	38	26	15	6		737	728	10.7
13	110	103	96	89	82	75	65	56	46	35	24	14	6	801	791	11.5
48 - 5	120	95	66	33	6									320	324	4.4
6	120	102	80	55	28	6								391	393	5.3
7	120	105	88	69	47	24	6							459	461	6.2
8	120	107	93	78	61	41	21	6						527	528	7.1
9	120	108	97	84	70	53	36	19	6					593	587	8.0
10	120	110	100	89	77	64	49	33	18	6				666	659	8.9
11	120	111	102	92	82	71	58	44	30	17	6			733	725	9.8
12	120	112	103	95	86	77	65	53	41	28	16	6		802	792	10.6
13	120	112	105	97	89	81	71	60	49	38	26	15	6	869	858	11.5
50 - 5	131	104	72	35	6									348	353	4.4
6	131	110	86	60	30	6								423	425	5.3
7	131	114	95	74	51	26	6							497	500	6.2
8	131	116	101	84	66	44	23	6						571	571	7.1
9	131	118	105	91	76	58	39	20	6					644	638	8.0
10	131	119	108	96	81	69	53	35	19	6				720	713	8.8
11	131	120	111	100	89	77	67	48	32	18	6			795	787	9.7
12	131	121	113	103	94	82	71	58	43	30	16	6		868	859	10.6
13	131	122	114	106	97	88	77	65	53	40	27	16	6	942	932	11.5
52 - 5	142	113	78	38	6									377	383	4.4
6	142	119	93	64	31	6								455	459	5.3
7	142	124	103	80	54	27	6							536	540	6.2
8	142	126	110	91	71	47	24	6						617	618	7.1
9	142	127	114	99	82	62	41	22	6					695	689	8.0
10	142	129	117	104	90	74	56	38	20	6				776	769	8.9
11	142	131	120	108	96	83	68	51	34	18	6			857	850	9.7
12	142	131	122	112	101	89	76	62	46	31	17	6		935	927	10.6
13	142	132	124	114	105	95	82	70	57	43	29	16	6	1015	1005	11.5
54 - 6	153	129	100	69	33	6								490	494	5.3
7	153	133	111	86	58	29	6							576	580	6.2
8	153	136	118	98	76	50	25	6						662	664	7.1
9	153	138	123	106	88	66	44	23	6					747	741	8.0
10	153	140	127	113	97	80	60	40	21	6				837	830	8.9
11	153	141	129	117	104	89	73	55	36	19	6			922	915	9.7
12	153	142	131	120	109	96	82	66	49	33	18	6		1005	995	10.6
13	153	143	133	123	113	102	89	75	61	46	30	17	6	1091	1081	11.5
56 - 6	165	138	108	73	35	6								525	530	5.3
7	165	143	119	92	62	30	6							617	622	6.2
8	165	146	127	105	80	53	26	6						708	710	7.1
9	165	148	132	114	94	71	47	24	6					801	795	8.0
10	165	150	136	120	104	85	64	43	22	6				895	888	8.9
11	165	152	139	126	112	95	78	58	38	20	6			989	982	9.7
12	165	153	141	129	117	103	87	71	53	35	18	6		1078	1069	10.6
13	165	153	143	132	121	109	95	80	65	49	32	17	6	1167	1157	11.5
58 - 6	177	148	116	78	37	6								562	568	5.3
7	177	153	127	99	66	32	6							660	666	6.2
8	177	157	136	113	86	56	28	6						759	761	7.1
9	177	159	142	122	101	76	49	25	6					857	851	8.0
10	177	161	146	129	112	90	68	45	23	6				957	950	8.8
11	177	163	149	134	119	102	83	62	40	21	6			1056	1049	9.7
12	177	164	151	138	126	110	93	76	56	37	19	6		1153	1144	10.6
13	177	165	153	142	130	117	102	86	69	52	34	18	6	1251	1240	11.5
60 - 6	190	159	124	83	39	6								601	607	5.3
7	190	165	136	105	70	33	6							705	709	6.2
8	190	168	146	120	92	60	29	6						811	805	7.1
9	190	170	151	131	107	80	52	26	6					913	907	7.9
10	190	173	156	138	119	96	73	48	24	6				1023	1017	8.8
11	190	175	160	144	127	109	88	66	43	22	6			1130	1123	9.7
12	190	176	162	148	134	118	100	80	59	39	20	6		1232	1223	10.6
13	190	177	165	152	139	125	108	92	73	55	35	19	6	1336	1326	11.5

Table 20--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	204	[illegible]	132	88	41	6								[illegible]	[illegible]	[illegible]
7	204	176	140	112	74	[illegible]	6							[illegible]	[illegible]	6.2
8	204	180	[illegible]	[illegible]	98	63	30	6						[illegible]	[illegible]	7.0
9	204	182	[illegible]	[illegible]	114	[illegible]	[illegible]	27	6					[illegible]	[illegible]	[illegible]
10	204	185	167	[illegible]	[illegible]	[illegible]	[illegible]	50	25	6				[illegible]	[illegible]	[illegible]
11	204	[illegible]	170	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	[illegible]	6			[illegible]	[illegible]	[illegible]
12	204	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85	62	41	21	6		[illegible]	[illegible]	[illegible]
13	204	189	[illegible]	[illegible]	148	[illegible]	[illegible]	97	78	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
64 - 6	218	182	[illegible]	[illegible]	43	6								[illegible]	601	5.3
7	218	[illegible]	[illegible]	[illegible]	78	[illegible]	6							[illegible]	806	6.2
8	218	[illegible]	165	[illegible]	104	[illegible]	[illegible]	6						[illegible]	[illegible]	7.0
9	218	[illegible]	173	[illegible]	122	[illegible]	[illegible]	28	6					[illegible]	[illegible]	7.9
10	218	[illegible]	179	[illegible]	[illegible]	110	82	53	26	6				[illegible]	[illegible]	8.8
11	218	[illegible]	182	[illegible]	145	124	[illegible]	[illegible]	[illegible]	[illegible]	6			[illegible]	[illegible]	9.7
12	218	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	113	90	[illegible]	[illegible]	22	6		[illegible]	[illegible]	10.6
13	218	[illegible]	[illegible]	[illegible]	[illegible]	142	[illegible]	103	82	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.5
66 - 6	231	192	148	[illegible]	[illegible]	6								[illegible]	[illegible]	5.3
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	6.2
8	[illegible]	204	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	158	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	143	[illegible]	[illegible]	55	27	6				[illegible]	[illegible]	8.8
11	[illegible]	212	[illegible]	174	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	6			[illegible]	[illegible]	9.7
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	[illegible]	[illegible]	6		[illegible]	[illegible]	10.6
13	231	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.4
68 - 7	[illegible]	212	[illegible]	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	[illegible]
9	246	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	6				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6			[illegible]	[illegible]	[illegible]
12	246	[illegible]	[illegible]	191	[illegible]	[illegible]	[illegible]	101	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	212	[illegible]	[illegible]	[illegible]	138	[illegible]	92	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	[illegible]
70 - 7	[illegible]	[illegible]	[illegible]	141	[illegible]	42	6							[illegible]	[illegible]	6.2
8	261	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	7.0
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6				[illegible]	[illegible]	8.8
11	[illegible]	[illegible]	218	[illegible]	[illegible]	[illegible]	118	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.7
12	[illegible]	241	[illegible]	[illegible]	182	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	6		[illegible]	[illegible]	10.6
13	261	[illegible]	[illegible]	207	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.4
72 - 7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	6.2
8	[illegible]	[illegible]	[illegible]	171	[illegible]	[illegible]	[illegible]	6						[illegible]	1151	7.0
9	[illegible]	[illegible]	[illegible]	187	[illegible]	[illegible]	[illegible]	[illegible]	6					[illegible]	[illegible]	7.9
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6				[illegible]	[illegible]	8.8
11	[illegible]	254	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	6			[illegible]	[illegible]	9.7
12	[illegible]	[illegible]	[illegible]	214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	10.6
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.4
74 - 7	292	[illegible]	207	[illegible]	[illegible]	[illegible]	6							[illegible]	[illegible]	[illegible]
8	292	[illegible]	222	[illegible]	[illegible]	[illegible]	[illegible]	6						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	118	[illegible]	[illegible]	6					[illegible]	[illegible]	[illegible]
10	292	[illegible]	[illegible]	210	[illegible]	144	[illegible]	[illegible]	31	6				[illegible]	[illegible]	[illegible]
11	292	[illegible]	[illegible]	219	192	[illegible]	131	95	59	[illegible]	6			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85	54	[illegible]	6		[illegible]	[illegible]	[illegible]
13	292	[illegible]	[illegible]	[illegible]	212	[illegible]	162	[illegible]	107	75	[illegible]	24	6	[illegible]	[illegible]	[illegible]
76 - 7	308	[illegible]	[illegible]	[illegible]	[illegible]	48	6							1118	[illegible]	[illegible]
8	308	271	[illegible]	190	143	90	40	6						1281	1275	[illegible]
9	308	[illegible]	[illegible]	208	164	124	78	[illegible]	6					[illegible]	1441	[illegible]
10	308	280	[illegible]	221	189	151	111	70	33	6				[illegible]	1611	8.8
11	308	282	257	240	203	172	137	99	62	30	6			1786	1776	9.7
12	308	284	262	238	213	186	156	124	89	56	[illegible]	6		[illegible]	[illegible]	[illegible]
13	308	286	[illegible]	244	222	196	170	142	113	82	51	25	6	2114	2100	11.4
78 - 7	325	280	229	174	112	56	6							[illegible]	[illegible]	6.1
8	325	286	246	200	151	95	42	6						[illegible]	[illegible]	7.0
9	325	290	256	219	178	130	82	38	6					1524	1516	7.9
10	325	295	265	233	[illegible]	[illegible]	116	74	34	6				[illegible]	1666	8.8
11	325	299	271	242	213	181	144	104	65	31	6			1880	[illegible]	9.6
12	325	[illegible]	276	251	225	196	164	130	94	58	28	6		2053	2042	10.5
13	325	302	280	256	234	209	180	150	118	86	55	26	6	2225	2211	11.4

Table 20--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
80 - 7	343	295	241	182	117	52	6							1236	1247	6.1
8	343	302	258	211	158	99	44	6						1421	1415	7.0
9	343	305	270	230	187	136	86	39	6					1602	1595	7.9
10	343	310	278	245	208	167	122	77	35	6				1791	1782	8.8
11	343	313	285	256	224	190	151	109	67	32	6			1976	1967	9.6
12	343	316	290	264	236	206	172	136	98	61	29	6		2157	2145	10.5
13	343	318	295	270	247	220	189	157	124	90	55	27	6	2341	2328	11.4

Table 21--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	6													6	12	2.5
2	6	6												12	18	3.5
14 - 1	8													8	11	1.7
2	8	6												14	15	2.7
3	8	7	6											21	23	3.7
16 - 1	12													12	13	1.5
2	12	6												18	19	2.1
3	12	9	6											27	27	[illegible]
4	12	10	8	6										36	37	4.[illegible]
5	12	11	9	8	6									46	47	5.2
18 - 1	15													15	16	1.5
2	15	6												21	21	2.0
3	15	11	6											3[illegible]	3[illegible]	3.0
4	15	13	10	6										44	44	3.9
5	15	14	12	9	6									5[illegible]	55	4.9
6	15	14	12	11	8	6								66	[illegible]5	5.9
20 - 2	19	6												25	25	1.9
3	19	13	6											38	38	[illegible]
4	19	16	11	6										5[illegible]	51	[illegible].8
5	19	17	14	10	6									[illegible]	65	4.[illegible]
6	19	17	15	12	9	6								78	7[illegible]	5.[illegible]
7	19	18	16	14	1[illegible]	9	6							[illegible]	92	[illegible]
8	19	18	17	15	1[illegible]	11	[illegible]	6						[illegible]	10[illegible]	[illegible]
22 - 2	[illegible]	6												2[illegible]	[illegible]	1.8
3	2[illegible]	15	6											4[illegible]	4[illegible]	[illegible].8
4	2[illegible]	19	13	6										[illegible]1	[illegible]1	[illegible].7
5	2[illegible]	20	1[illegible]	11	6									[illegible]	75	[illegible].6
6	23	21	18	15	1[illegible]	6								[illegible]	[illegible]1	[illegible].6
7	2[illegible]	[illegible]	19	17	14	10	6							111	1[illegible]	[illegible].5
8	2[illegible]	[illegible]	[illegible]	18	16	1[illegible]	9	6						12[illegible]	1[illegible]	7.4
9	2[illegible]	2[illegible]	2[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]	9	6					14[illegible]	1[illegible]	[illegible].4
24 - 2	2[illegible]	6												[illegible]	[illegible]	[illegible].8
3	[illegible]	1[illegible]	6											[illegible]	[illegible]	.7
4	2[illegible]	[illegible]	14	6										[illegible]	[illegible]	.6
5	[illegible]	[illegible]	1[illegible]	1[illegible]	6									8[illegible]	[illegible]	[illegible].6
6	2[illegible]	25	21	1[illegible]	11	6								10[illegible]	1[illegible]	.5
7	2[illegible]	2[illegible]	2[illegible]	1[illegible]	15	11	6							1[illegible]	1[illegible]	6.4
8	[illegible]	26	24	[illegible]	18	14	10	6						14[illegible]	1[illegible]	7.3
9	2[illegible]	[illegible]	2[illegible]	[illegible]	2[illegible]	17	13	1[illegible]	6					1[illegible]	1[illegible]2	8.2
10	[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]	1[illegible]	1[illegible]	1[illegible]	9	6				1[illegible]	1[illegible]0	9.2
26 - 2	34	6												[illegible]	[illegible]8	1.8
3	3[illegible]	2[illegible]	6											[illegible]	[illegible]	[illegible].7
4	3[illegible]	[illegible]	16	6										[illegible]	[illegible]	[illegible].6
5	34	2[illegible]	[illegible]	14	6									[illegible]	1[illegible]	[illegible].5
6	34	30	25	1[illegible]	12	6								1[illegible]	1[illegible]	.4
7	34	3[illegible]	2[illegible]	2[illegible]	17	1[illegible]	6							1[illegible]	1[illegible]	[illegible].4
8	34	31	2[illegible]	24	2[illegible]	16	11	6						1[illegible]	1[illegible]	[illegible].3
9	3[illegible]	31	2[illegible]	2[illegible]	[illegible]	1[illegible]	15	1[illegible]	6					1[illegible]	190	8.2
10	34	31	2[illegible]	2[illegible]	24	21	18	14	10	6				[illegible]	210	9.1
28 - 3	4[illegible]	2[illegible]	6											[illegible]	71	2.[illegible]
4	40	30	18	6										[illegible]4	95	3.[illegible]
5	40	3[illegible]	25	16	6									120	119	4.[illegible]
6	40	35	2[illegible]	22	14	6								14[illegible]	144	5.[illegible]
7	40	35	31	26	19	12	6							16[illegible]	167	6.[illegible]
8	40	36	3[illegible]	[illegible]	[illegible]	18	1[illegible]	6						195	1[illegible]	7.2
9	4[illegible]	36	33	3[illegible]	26	21	16	11	6					21[illegible]	215	8.1
10	40	3[illegible]	34	31	28	24	20	15	10	6				245	[illegible]34	[illegible]
30 - 3	46	26	6											78	81	2.7
4	46	35	20	6										10[illegible]	108	3.6
5	46	38	28	17	6									135	135	4.5
6	46	40	33	24	15	6								164	163	5.4
7	46	41	35	2[illegible]	22	14	6							193	190	6.3
8	46	42	37	32	27	20	12	6						222	220	7.2
9	46	42	39	34	30	24	18	12	6					251	248	8.1
10	46	43	39	36	32	28	22	17	11	6				280	274	9.0
11	46	43	40	37	34	30	26	21	16	11	6			310	303	9.9

Table 21--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	53	29	6											68	92	2.7
4	53	40	22	6										121	123	3.6
5	53	43	32	18	6									152	153	4.5
6	53	46	37	28	16	6								186	185	5.4
7	53	47	40	33	24	15	6							218	215	6.3
8	53	48	43	36	30	22	13	6						251	248	7.2
9	53	48	44	39	33	27	20	12	6					282	279	8.1
10	53	49	45	41	36	31	25	18	12	6				316	310	9.0
11	53	49	46	42	38	34	29	23	17	11	6			348	341	9.9
34 - 3	60	33	6											99	103	2.7
4	60	44	24	6										134	138	3.6
5	60	49	36	20	6									171	172	4.5
6	60	52	42	31	18	6								209	209	5.4
7	60	53	46	37	27	16	6							245	243	6.3
8	60	54	48	41	33	24	14	6						280	277	7.2
9	60	55	49	44	38	30	22	13	6					317	314	8.1
10	60	55	51	46	41	34	28	20	12	6				353	347	9.0
11	60	56	52	48	43	38	32	25	18	12	6			390	383	9.9
36 - 3	67	36	6											109	113	2.7
4	67	50	27	6										150	151	3.6
5	67	55	40	22	6									190	192	4.4
6	67	58	47	34	19	6								231	232	5.4
7	67	60	51	41	30	17	6							272	272	6.2
8	67	61	54	46	37	26	15	6						312	310	7.1
9	67	62	55	49	42	33	23	14	6					351	345	8.0
10	67	62	57	51	46	38	30	22	13	6				392	386	8.9
11	67	63	58	53	48	42	35	28	20	13	6			433	426	9.8
12	67	63	59	55	50	45	39	33	26	19	12	6		474	466	10.7
38 - 4	76	55	29	6										166	169	3.6
5	76	61	44	24	6									211	214	4.4
6	76	65	52	38	20	6								257	258	5.4
7	76	66	57	46	32	18	6							301	301	6.2
8	76	68	60	51	41	28	16	6						346	344	7.1
9	76	69	62	55	46	36	26	15	6					391	385	8.0
10	76	70	64	57	51	42	33	24	14	6				437	430	8.9
11	76	70	65	59	53	47	39	30	22	13	6			480	474	9.8
12	76	71	66	61	56	50	43	36	28	20	12	6		525	518	10.7
40 - 4	84	61	32	6										183	187	3.6
5	84	68	49	26	6									233	237	4.4
6	84	72	57	41	22	6								282	284	5.4
7	84	74	62	50	35	19	6							330	331	6.2
8	84	76	66	56	44	31	17	6						380	379	7.1
9	84	77	69	60	51	40	28	16	6					431	425	8.0
10	84	78	71	63	55	46	36	26	15	6				480	473	8.9
11	84	78	72	66	59	51	43	33	23	14	6			529	523	9.8
12	84	78	73	67	62	55	48	40	30	22	13	6		578	571	10.7
42 - 4	93	67	34	6										200	204	3.6
5	93	75	53	28	6									255	259	4.4
6	93	80	63	45	23	6								310	313	5.3
7	93	82	69	55	38	21	6							364	364	6.2
8	93	83	73	62	49	33	18	6						417	416	7.1
9	93	85	76	66	56	43	30	17	6					472	466	8.0
10	93	86	78	70	61	51	40	28	16	6				529	521	8.9
11	93	86	80	72	65	56	47	36	25	15	6			581	572	9.8
12	93	87	80	75	68	61	52	43	33	23	14	6		635	627	10.7
44 - 5	103	82	58	30	6									279	282	4.4
6	103	87	69	49	25	6								339	342	5.3
7	103	90	76	60	41	22	6							398	399	6.2
8	103	92	80	67	53	36	19	6						456	456	7.1
9	103	93	83	73	61	47	32	18	6					516	510	8.0
10	103	94	86	77	67	55	43	30	17	6				578	570	8.9
11	103	95	87	80	71	62	51	39	27	16	6			637	628	9.8
12	103	95	89	82	75	66	57	47	36	25	15	6		696	686	10.7
13	103	96	90	84	77	70	61	53	43	33	23	14	6	753	744	11.6

Table 21--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	113	90	63	32	6									304	308	4.4
6	113	95	75	53	27	6								369	373	5.3
7	113	99	82	65	45	23	6							433	435	6.2
8	113	100	88	74	58	39	20	6						498	498	7.1
9	113	102	91	79	66	51	34	19	6					561	555	8.0
10	113	103	94	84	73	60	46	32	18	6				629	621	8.9
11	113	104	96	87	78	67	55	44	29	16	6			695	685	9.8
12	113	105	97	89	81	72	62	51	39	27	15	6		757	747	10.7
13	113	106	99	91	84	76	66	56	47	37	24	14	6	819	812	11.6
48 - 5	123	98	69	34	6									329	333	4.4
6	123	104	82	57	28	6								400	405	5.3
7	123	107	90	70	48	26	6							470	471	6.2
8	123	110	95	80	62	42	22	6						540	540	7.1
9	123	111	99	86	72	55	37	20	6					609	603	8.0
10	123	113	102	91	79	65	52	32	18	6				681	674	8.9
11	123	114	104	94	84	73	60	46	30	17	6			751	743	9.8
12	123	114	106	98	88	78	67	55	41	28	16	6		820	811	10.7
13	123	115	107	99	92	83	72	62	50	39	26	14	6	888	878	11.6
50 - 5	134	106	74	36	6									356	361	4.4
6	134	113	88	61	30	6								432	435	5.3
7	134	117	98	76	52	26	6							509	512	6.2
8	134	119	104	86	67	45	23	6						584	584	7.1
9	134	120	108	93	78	59	40	21	6					659	653	8.0
10	134	122	111	99	86	70	53	36	19	6				736	729	8.9
11	134	124	113	103	92	78	65	49	32	18	6			814	806	9.8
12	134	124	115	106	96	85	72	59	44	30	17	6		888	878	10.6
13	134	125	117	108	99	90	78	66	54	41	28	16	6	962	951	11.5
52 - 5	145	115	80	39	6									385	390	4.4
6	145	122	95	66	32	6								466	470	5.3
7	145	126	105	82	55	28	6							547	551	6.2
8	145	129	112	93	72	48	24	6						629	630	7.1
9	145	131	117	101	84	63	42	22	6					711	705	8.0
10	145	132	120	107	97	76	57	34	20	6				794	787	8.9
11	145	134	122	111	99	85	69	52	34	19	6			876	868	9.8
12	145	134	125	114	103	92	78	63	48	32	17	6		957	948	10.6
13	145	136	126	117	107	97	84	72	58	44	29	16	6	1037	1027	11.5
54 - 6	157	132	103	70	34	6								502	508	5.3
7	157	136	113	88	59	29	6							588	592	6.2
8	157	139	120	100	78	51	25	6						676	679	7.1
9	157	141	126	108	90	67	45	23	6					763	757	8.0
10	157	143	129	115	99	81	61	41	21	6				853	846	8.9
11	157	144	132	119	106	91	74	55	37	20	6			941	932	9.8
12	157	145	134	123	112	98	84	67	51	34	18	6		1029	1019	10.6
13	157	146	136	126	116	104	90	77	62	47	31	17	6	1115	1104	11.5
56 - 6	169	142	110	75	36	6								538	545	5.3
7	169	146	122	94	63	31	6							631	636	6.2
8	169	150	130	107	82	54	27	6						725	727	7.1
9	169	152	135	117	96	72	48	24	6					819	813	8.0
10	169	154	140	124	107	87	66	43	22	6				918	911	8.9
11	169	156	142	129	114	98	80	59	39	20	6			1012	1004	9.8
12	169	157	144	132	120	106	89	72	53	35	19	6		1102	1093	10.6
13	169	158	146	135	124	112	97	82	66	50	32	18	6	1195	1184	11.5
58 - 6	182	153	118	80	38	6								577	582	5.3
7	182	158	131	101	67	32	6							677	683	6.2
8	182	161	139	115	88	58	28	6						777	780	7.1
9	182	163	145	125	103	77	51	25	6					877	871	8.0
10	182	165	150	132	114	93	70	46	23	6				981	974	8.9
11	182	167	153	138	122	104	85	63	41	21	6			1082	1074	9.8
12	182	168	156	142	128	113	95	77	57	38	20	6		1182	1172	10.6
13	182	169	158	145	133	120	104	88	70	53	34	18	6	1280	1270	11.5
60 - 6	195	163	126	85	40	6								615	621	5.3
7	195	169	140	107	71	34	6							722	729	6.2
8	195	172	149	123	94	61	29	6						829	833	7.1
9	195	175	156	134	110	82	53	26	6					937	931	8.0
10	195	177	160	142	122	99	74	49	24	6				1048	1042	8.8
11	195	180	164	147	131	112	90	67	43	22	6			1157	1151	9.7
12	195	180	166	152	137	120	102	82	60	40	20	6		1260	1251	10.6
13	195	182	169	156	142	128	111	93	75	56	36	19	6	1368	1357	11.5

Table 21--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	208	174	134	90	42	6								654	661	5.3
7	208	180	149	114	76	36	6							769	772	6.2
8	208	184	159	131	100	65	30	6						883	888	7.1
9	208	187	165	142	117	87	56	28	6					996	990	8.0
10	208	189	171	151	130	105	78	51	25	6				1114	1108	8.8
11	208	192	175	158	139	119	96	71	46	23	6			1233	1225	9.7
12	208	192	178	162	146	129	108	87	64	41	21	6		1342	1334	10.6
13	208	194	180	166	152	136	118	99	80	59	38	20	6	1456	1446	11.5
64 - 6	222	186	143	96	44	6								697	705	5.3
7	222	192	158	122	80	38	6							818	826	6.2
8	222	196	170	139	106	68	32	6						939	944	7.1
9	222	200	176	152	124	92	59	29	6					1060	1054	8.0
10	222	202	182	161	138	112	83	54	26	6				1186	1180	8.8
11	222	204	186	168	148	126	102	75	48	24	6			1309	1302	9.7
12	222	206	189	173	156	136	115	92	67	44	22	6		1428	1419	10.6
13	222	207	192	177	162	145	126	106	84	62	40	20	6	1549	1539	11.5
66 - 7	237	204	168	129	85	39	6							868	874	6.2
8	237	209	180	148	113	72	33	6						998	992	7.1
9	237	212	188	161	132	98	62	30	6					1126	1120	8.0
10	237	215	194	171	146	119	88	57	28	6				1261	1254	8.8
11	237	218	198	178	158	134	108	79	50	25	6			1391	1384	9.7
12	237	219	202	184	165	145	122	98	71	46	23	6		1518	1509	10.6
13	237	221	204	189	172	154	133	112	89	66	42	21	6	1646	1639	11.5
68 - 7	252	218	179	136	89	41	6							921	926	6.2
8	252	222	191	159	119	76	35	6						1060	1054	7.0
9	252	225	200	171	140	103	66	31	6					1194	1188	7.9
10	252	228	206	182	156	126	93	59	29	6				1337	1331	8.8
11	252	231	211	189	167	142	114	84	53	26	6			1475	1469	9.7
12	252	233	214	196	176	154	129	103	75	48	24	6		1610	1602	10.6
13	252	234	218	200	182	164	141	118	94	69	44	22	6	1744	1734	11.5
70 - 7	267	230	189	144	94	43	6							973	979	6.2
8	267	235	203	166	126	80	36	6						1119	1113	7.0
9	267	239	212	181	148	109	69	32	6					1263	1255	7.9
10	267	242	218	192	165	132	98	62	30	6				1412	1406	8.8
11	267	245	223	200	176	150	120	88	55	27	6			1557	1551	9.7
12	267	247	227	207	186	162	136	109	79	50	25	6		1701	1693	10.6
13	267	248	230	212	193	174	148	125	99	73	46	23	6	1844	1834	11.5
72 - 7	283	244	200	153	99	45	6							1030	1037	6.2
8	283	249	214	176	132	84	38	6						1182	1176	7.0
9	283	253	223	192	156	114	73	34	6					1334	1326	7.9
10	283	256	231	204	174	140	103	66	31	6				1494	1484	8.8
11	283	259	236	212	186	158	127	92	58	28	6			1645	1640	9.7
12	283	261	240	219	196	172	144	114	83	53	26	6		1797	1788	10.6
13	283	263	244	224	204	183	157	132	104	77	48	24	6	1949	1939	11.4
74 - 7	300	258	212	160	104	47	6							1087	1095	6.2
8	300	264	227	185	140	88	40	6						1250	1244	7.0
9	300	267	236	202	165	120	76	35	6					1407	1399	7.9
10	300	271	244	215	183	147	108	68	32	6				1574	1565	8.8
11	300	275	250	223	197	167	134	97	61	29	6			1739	1729	9.7
12	300	277	254	231	208	182	152	120	87	55	27	6		1899	1887	10.6
13	300	278	258	237	216	193	165	138	110	80	50	24	6	2055	2046	11.4
76 - 7	316	272	222	169	110	49	6							1144	1153	6.2
8	316	278	239	195	147	93	41	6						1315	1309	7.0
9	316	282	249	213	174	127	80	36	6					1483	1476	7.9
10	316	286	257	227	193	155	114	72	33	6				1659	1650	8.8
11	316	290	264	236	208	176	140	102	63	30	6			1831	1821	9.7
12	316	292	268	244	219	191	160	127	91	57	28	6		1999	1987	10.6
13	316	294	272	250	228	204	174	146	115	84	52	25	6	2166	2157	11.4
78 - 7	334	287	234	178	114	51	6							1204	1214	6.2
8	334	293	251	205	154	96	43	6						1382	1376	7.0
9	334	298	263	224	182	133	84	38	6					1562	1554	7.9
10	334	302	271	239	204	162	119	75	34	6				1746	1737	8.8
11	334	305	278	248	218	185	148	107	66	31	6			1926	1916	9.7
12	334	307	282	257	230	201	168	133	95	60	28	6		2101	2089	10.6
13	334	309	287	263	240	214	183	153	120	88	54	26	6	2277	2263	11.4

Table 21--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
50 - 7	351	302	247	187	120	53	[illegible]							[illegible]	[illegible]	6.[illegible]
8	351	308	265	21[illegible]	162	101	14[illegible]	[illegible]						[illegible]	[illegible]	7.[illegible]
9	351	31[illegible]	277	[illegible]	[illegible]	140	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	7.[illegible]
10	351	318	[illegible]	[illegible]	[illegible]	170	[illegible]	[illegible]	[illegible]	6				[illegible]	[illegible]	8.[illegible]
11	351	[illegible]	[illegible]	[illegible]	[illegible]	194	[illegible]	[illegible]	[illegible]	32	6			[illegible]	[illegible]	9.[illegible]
12	351	[illegible]	[illegible]	[illegible]	[illegible]	211	[illegible]	[illegible]	[illegible]	62	29	6		[illegible]	[illegible]	10.[illegible]
13	351	[illegible]	[illegible]	[illegible]	[illegible]	225	[illegible]	[illegible]	[illegible]	92	56	27	6	[illegible]	[illegible]	11.4

Table 22--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	6													6	12	2.5
2	6	6												12	17	3.4
14 - 1	9													9	11	1.6
2	9	6												15	16	2.3
3	9	7	6											22	24	3.6
16 - 1	12													12	13	1.5
2	12	6												18	18	2.2
3	12	9	6											27	27	3.2
4	12	10	8	6										36	37	4.2
5	12	11	10	8	6									47	48	5.2
18 - 1	16													16	16	1.5
2	16	6												22	22	2.0
3	16	11	6											33	33	3.0
4	16	13	10	6										45	45	3.9
5	16	14	12	9	6									57	56	4.9
6	16	14	13	11	8	6								68	67	5.9
20 - 2	19	6												25	25	1.9
3	19	13	6											38	38	2.8
4	19	16	11	6										52	51	3.8
5	19	17	14	10	6									66	65	4.8
6	19	18	16	13	9	6								81	81	5.7
7	19	18	16	14	12	9	6							94	92	6.5
8	19	18	17	15	13	11	8	6						107	106	7.6
22 - 2	24	6												30	31	1.9
3	24	16	6											46	46	2.8
4	24	19	13	6										62	62	3.7
5	24	21	17	11	6									79	79	4.6
6	24	22	18	15	10	6								95	95	5.6
7	24	22	19	17	14	10	6							112	110	6.5
8	24	22	20	18	16	13	9	6						128	126	7.4
9	24	22	21	19	17	15	12	9	6					145	142	8.4
24 - 2	29	6												35	36	1.8
3	29	18	6											53	53	2.8
4	29	23	15	6										73	72	3.6
5	29	24	19	13	6									91	90	4.6
6	29	26	22	17	12	6								112	110	5.5
7	29	26	23	20	16	11	6							131	128	6.4
8	29	27	24	22	18	14	10	6						150	147	7.4
9	29	27	25	23	20	17	13	10	6					170	166	8.3
10	29	27	25	23	21	19	16	13	9	6				188	184	9.2
26 - 3	35	21	6											62	63	2.7
4	35	27	17	6										85	85	3.6
5	35	29	23	14	6									107	106	4.5
6	35	30	26	20	13	6								130	129	5.5
7	35	31	28	23	18	12	6							153	151	6.4
8	35	32	29	25	21	16	11	6						175	172	7.3
9	35	32	30	27	23	19	15	10	6					197	195	8.2
10	35	32	30	28	25	22	18	14	10	6				220	216	9.1
28 - 3	41	24	6											71	73	2.7
4	41	31	18	6										96	97	3.6
5	41	34	26	16	6									123	123	4.5
6	41	35	30	22	14	6								148	146	5.4
7	41	36	32	26	20	13	6							174	172	6.3
8	41	37	33	29	24	18	12	6						200	197	7.2
9	41	38	34	31	27	22	17	11	6					227	223	8.2
10	41	38	35	32	29	25	20	16	11	6				253	247	9.1
30 - 3	47	27	6											80	83	2.7
4	47	35	20	6										108	110	3.6
5	47	39	29	17	6									138	138	4.5
6	47	41	34	25	15	6								168	167	5.4
7	47	42	36	30	22	14	6							197	196	6.3
8	47	43	38	33	27	20	12	6						226	225	7.2
9	47	43	39	35	30	24	18	12	6					254	251	9.1
10	47	44	40	37	33	28	23	17	11	6				286	280	9.0
11	47	44	41	38	34	31	26	21	16	11	6			315	309	10.0

Table 22--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	54	30	6											90	93	2.7
4	54	40	23	6										123	125	3.6
5	54	44	33	14	6									156	157	4.5
6	54	47	38	28	16	6								184	188	5.4
7	54	48	41	34	25	15	6							223	221	6.3
8	54	49	43	37	30	22	14	6						[illegible]	[illegible]	7.2
9	54	49	45	40	34	27	[illegible]	12	6					[illegible]	[illegible]	8.1
10	54	50	46	42	[illegible]	31	25	19	12	6				[illegible]	[illegible]	[illegible]
11	54	50	47	43	39	35	29	23	17	11	6			[illegible]	[illegible]	[illegible]
34 - 3	61	43	6											100	105	2.7
4	61	46	25	6										138	141	3.6
5	61	50	36	20	6									173	174	4.5
6	61	53	43	31	18	6								212	212	5.4
7	61	54	46	38	27	17	6							248	246	6.3
8	61	55	49	42	34	24	14	6						[illegible]	[illegible]	7.2
9	61	56	51	45	38	31	22	14	6					323	319	8.1
10	61	56	52	47	41	35	28	20	13	6				359	[illegible]	9.0
11	61	57	53	49	44	40	33	26	19	12	6			[illegible]	[illegible]	[illegible]
36 - 3	69	37	6											112	[illegible]	2.7
4	69	51	28	6										154	157	3.6
5	69	56	41	21	6									194	196	4.5
6	69	59	48	35	19	6								236	237	5.4
7	69	61	52	42	30	17	6							277	277	6.3
8	69	62	55	47	38	27	16	6						320	317	7.2
9	69	63	57	51	42	34	24	14	6					360	354	8.1
10	69	64	58	52	47	39	31	24	14	6				403	[illegible]	9.0
11	69	65	60	55	49	42	35	29	20	13	6			[illegible]	[illegible]	9.9
12	69	65	61	56	51	46	40	34	26	19	12	6		485	[illegible]	10.8
38 - 4	78	57	30	6										171	174	3.6
5	78	63	45	24	6									216	214	4.5
6	78	66	52	38	21	6								262	263	5.4
7	78	68	58	46	33	18	6							307	307	6.3
8	78	70	61	52	41	29	16	6						353	351	7.2
9	78	70	63	56	48	37	26	15	6					[illegible]	[illegible]	8.1
10	78	71	65	59	51	42	34	24	14	6				[illegible]	[illegible]	9.0
11	78	72	66	61	55	48	41	31	22	14	6			[illegible]	[illegible]	9.8
12	78	73	67	62	57	51	44	37	29	20	13	6		[illegible]	[illegible]	10.7
40 - 4	86	62	32	6										186	190	3.6
5	86	70	49	26	6									237	241	4.5
6	86	74	58	42	22	6								288	290	5.4
7	86	76	64	51	36	20	6							339	334	6.3
8	86	77	68	57	46	31	18	6						389	387	7.2
9	86	78	70	62	52	40	28	16	6					438	432	8.1
10	86	79	72	65	57	48	37	26	15	6				491	485	9.0
11	86	80	74	67	60	52	41	34	24	14	6			542	536	9.8
12	86	80	75	69	62	56	[illegible]	40	31	22	13	6		590	583	10.7
42 - 4	95	69	35	6										205	209	3.6
5	95	77	54	28	6									260	264	4.4
6	95	81	64	46	24	6								316	318	5.3
7	95	84	70	56	39	21	6							371	371	6.2
8	95	85	75	63	50	34	18	6						426	425	7.1
9	95	86	78	68	57	44	30	17	6					481	475	8.0
10	95	87	80	72	62	52	40	28	16	6				538	530	8.9
11	95	88	82	74	66	58	48	37	25	15	6			594	587	9.8
12	95	89	82	76	69	62	53	44	34	24	14	6		648	640	10.7
44 - 5	105	84	59	30	6									284	289	4.4
6	105	89	70	49	25	6								344	347	5.3
7	105	92	77	61	42	22	6							405	406	6.2
8	105	94	82	69	54	[illegible]	20	6						467	466	7.1
9	105	95	85	74	62	48	33	18	6					526	520	8.0
10	105	96	88	78	68	56	44	30	17	6				588	580	8.9
11	105	97	89	81	73	63	52	40	27	16	6			649	642	9.8
12	105	98	90	84	76	67	58	48	36	25	15	6		708	700	10.7
13	105	98	92	85	78	71	62	54	44	34	23	14	6	766	757	11.6

Table 22--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	116	92	65	32	6									311	317	4.4
6	116	98	77	54	27	6								378	382	5.3
7	116	101	85	66	46	24	6							444	446	6.2
8	116	103	90	75	59	40	21	6						510	509	7.1
9	116	104	94	81	68	52	35	19	6					575	569	8.0
10	116	106	96	86	75	62	48	32	18	6				645	637	8.9
11	116	107	98	89	80	69	57	43	29	17	6			711	704	9.8
12	116	107	100	92	83	74	63	52	39	27	16	6		775	767	10.7
13	116	108	101	94	86	78	68	58	48	37	25	15	6	840	831	11.6
48 - 5	126	100	70	35	6									337	343	4.4
6	126	107	84	58	29	6								410	414	5.3
7	126	110	92	72	49	25	6							480	482	6.2
8	126	112	98	82	64	43	22	6						553	553	7.1
9	126	114	102	88	74	56	38	20	6					624	618	8.0
10	126	115	105	93	81	66	51	34	19	6				696	688	8.9
11	126	116	107	97	86	75	61	46	31	17	6			768	760	9.8
12	126	117	108	100	90	80	68	56	42	29	16	6		838	830	10.7
13	126	118	110	102	94	85	74	63	51	39	27	15	6	910	902	11.6
50 - 5	137	109	75	37	6									364	369	4.4
6	137	116	90	62	31	6								442	447	5.3
7	137	119	100	78	53	27	6							520	523	6.2
8	137	122	106	88	68	46	23	6						596	596	7.1
9	137	124	110	95	80	60	40	21	6					673	667	8.0
10	137	126	114	101	88	72	55	37	19	6				755	748	8.9
11	137	127	116	105	93	80	66	50	33	18	6			831	823	9.8
12	137	127	118	108	98	87	74	60	45	30	17	6		907	898	10.7
13	137	128	119	110	102	92	80	68	55	42	28	16	6	983	973	11.6
52 - 5	148	117	81	39	6									391	397	4.4
6	148	125	98	67	33	6								477	483	5.3
7	148	129	107	84	56	28	6							558	562	6.2
8	148	132	114	95	74	49	24	6						642	644	7.1
9	148	134	119	103	86	65	43	22	6					726	720	8.0
10	148	136	123	109	94	77	58	39	20	6				810	803	8.9
11	148	137	126	113	101	87	71	53	35	19	6			896	888	9.8
12	148	138	127	117	106	93	80	65	48	32	18	6		978	969	10.7
13	148	138	129	119	110	99	86	73	59	45	30	16	6	1058	1048	11.6
54 - 6	160	135	105	72	34	6								512	519	5.3
7	160	139	116	90	60	30	6							601	604	6.2
8	160	142	124	102	79	52	26	6						691	693	7.1
9	160	144	129	111	92	69	46	23	6					780	774	8.0
10	160	146	132	117	102	82	62	41	22	6				870	862	8.9
11	160	148	135	122	108	93	76	57	37	20	6			962	954	9.8
12	160	148	138	126	114	100	85	69	51	34	18	6		1049	1040	10.7
13	160	150	139	129	118	107	93	78	63	48	31	17	6	1139	1128	11.6
56 - 6	174	146	113	77	36	6								552	560	5.3
7	174	151	125	96	65	31	6							648	653	6.2
8	174	153	133	110	85	55	27	6						743	745	7.1
9	174	156	138	120	99	74	49	24	6					840	834	8.0
10	174	158	143	127	109	89	67	44	23	6				940	932	8.9
11	174	160	146	132	117	100	82	61	40	21	6			1039	1030	9.8
12	174	160	148	136	123	108	92	74	55	36	19	6		1131	1121	10.7
13	174	162	151	139	127	115	99	84	67	51	33	18	6	1226	1215	11.6
58 - 6	186	156	121	82	39	6								590	598	5.3
7	186	161	134	103	69	33	6							692	697	6.2
8	186	165	142	118	90	59	28	6						794	797	7.1
9	186	167	148	128	106	78	51	26	6					896	890	8.0
10	186	170	153	136	117	95	71	47	23	6				1004	997	8.9
11	186	171	157	141	125	107	87	64	42	22	6			1108	1099	9.8
12	186	173	159	146	131	116	98	78	58	38	20	6		1209	1199	10.7
13	186	174	161	149	136	123	106	90	72	54	35	18	6	1310	1300	11.5
60 - 6	200	167	129	87	41	6								630	639	5.3
7	200	173	143	110	73	35	6							740	746	6.2
8	200	176	153	126	96	62	30	6						849	853	7.1
9	200	179	159	136	113	84	54	27	6					958	952	8.0
10	200	182	164	145	125	101	76	49	24	6				1072	1066	8.9
11	200	183	168	151	133	114	92	68	44	23	6			1182	1174	9.8
12	200	185	170	156	140	124	104	84	62	40	21	6		1292	1282	10.6
13	200	186	173	159	146	131	113	95	77	57	37	19	6	1399	1388	11.5

Table 22--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	213	178	138	92	43	6								[illegible]	677	5.3
7	213	185	152	117	77	36	6							786	794	6.2
8	213	189	162	134	102	66	31	6						903	907	7.1
9	213	191	170	146	120	89	58	28	6					1021	1015	8.0
10	213	194	175	155	132	107	80	52	26	6				1140	1133	8.9
11	213	196	179	161	142	122	98	72	46	23	6			1258	1252	9.8
12	213	197	182	166	150	131	111	89	65	42	22	6		1374	1365	10.6
13	213	199	185	170	156	140	120	102	81	60	39	20	6	1491	1481	11.5
64 - 6	228	190	146	98	45	6								713	721	5.3
7	228	196	162	124	82	38	6							836	845	6.2
8	228	201	174	142	108	70	32	6						961	966	7.1
9	228	204	181	155	127	94	61	29	6					1085	1079	8.0
10	228	207	186	165	141	114	85	55	27	6				1214	1207	8.9
11	228	209	191	171	151	129	104	77	49	24	6			1334	1332	9.7
12	228	210	194	177	159	140	117	94	69	44	22	6		1460	1451	10.6
13	228	212	196	181	165	148	128	108	86	64	40	21	6	1584	1572	11.5
66 - 7	243	210	173	132	87	40	6							891	900	6.2
8	243	214	185	151	115	74	34	6						1022	1028	7.1
9	243	218	192	165	135	100	64	30	6					1155	1147	8.0
10	243	221	199	176	151	121	90	58	28	6				1293	1286	8.8
11	243	223	204	182	161	137	110	81	51	26	6			1424	1416	9.7
12	243	224	207	189	170	148	125	100	73	47	23	6		1555	1546	10.6
13	243	226	210	193	176	158	136	114	91	67	43	22	6	1685	1677	11.5
68 - 7	258	222	183	140	92	42	6							[illegible]	[illegible]	6.2
8	258	228	196	160	122	78	36	6						[illegible]	[illegible]	7.1
9	258	231	204	175	143	106	67	32	6					[illegible]	1216	8.0
10	258	234	211	186	159	128	95	61	29	6				[illegible]	1361	8.8
11	258	237	216	193	170	145	117	85	54	27	6			1506	1500	9.7
12	258	239	219	200	180	159	132	106	77	49	24	6		1648	1636	10.6
13	258	240	222	204	187	168	144	121	96	71	44	23	6	1782	1774	11.5
70 - 7	274	236	194	148	96	44	6							996	1004	6.2
8	274	241	208	170	129	82	37	6						1147	1141	7.1
9	274	245	217	186	151	112	71	33	6					1295	1284	8.0
10	274	248	223	197	168	135	[illegible]	64	30	6				1445	1435	8.8
11	274	251	228	205	181	153	123	89	56	28	6			1594	1587	9.7
12	274	253	233	212	190	166	[illegible]	112	80	51	25	[illegible]		1742	1733	10.6
13	274	255	236	217	198	177	152	127	101	74	47	23	6	1887	1877	11.5
72 - 7	290	249	204	156	101	46	6							1052	1059	6.2
8	290	256	219	180	135	86	39	6						1211	1205	7.0
9	290	259	229	196	160	117	74	34	6					1365	1359	7.9
10	290	263	236	208	178	142	105	66	31	6				1525	1520	8.8
11	290	266	242	217	191	162	130	94	59	29	6			1680	1675	9.7
12	290	267	246	224	201	176	147	117	85	53	26	6		1838	1830	10.6
13	290	269	249	229	209	187	156	134	106	78	49	24	6	1990	1980	11.5
74 - 7	306	264	216	164	106	48	6							1110	1118	6.2
8	306	269	232	189	142	90	40	6						1274	1268	7.0
9	306	274	241	207	168	123	78	36	6					1434	1430	7.9
10	306	278	249	220	187	150	110	70	32	6				1608	1603	8.8
11	306	280	256	228	201	170	136	99	62	30	6			1774	1767	9.7
12	306	282	260	236	212	186	155	123	89	56	27	6		1938	1930	10.6
13	306	284	264	242	221	197	169	142	112	82	51	25	6	2101	2091	11.5
76 - 7	324	278	228	174	112	50	6							1172	1181	6.2
8	324	285	245	200	151	94	42	6						1347	1341	7.0
9	324	290	256	218	177	130	82	37	6					1520	1514	7.9
10	324	294	264	232	198	158	116	73	34	6				1699	1694	8.8
11	324	297	270	241	213	180	144	104	65	31	6			1875	1872	9.7
12	324	300	275	250	224	196	163	130	93	58	28	6		2047	2039	10.6
13	324	302	278	256	234	208	179	149	117	86	53	26	6	2218	2208	11.5
78 - 7	342	294	240	182	117	52	6							1233	1243	6.2
8	342	301	257	210	158	99	44	6						1417	1411	7.0
9	342	304	269	229	186	136	85	39	6					1596	1587	7.9
10	342	309	278	244	208	166	122	77	35	6				1787	1782	8.8
11	342	312	284	255	223	189	151	109	67	32	6			1970	1965	9.7
12	342	315	289	263	236	206	172	136	98	61	29	6		2153	2145	10.6
13	342	317	294	269	246	219	188	157	123	90	55	27	6	2333	2323	11.5

Table 22--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
80 - 7	360	309	253	191	123	54	6							1296	1307	6.2
8	360	316	271	221	165	103	45	6						1487	1481	7.0
9	360	320	283	241	196	142	89	40	6					1677	1669	7.9
10	360	325	293	256	218	174	127	80	36	6				1875	1865	8.8
11	360	330	300	267	235	199	158	114	70	33	6			2072	2067	9.7
12	360	332	304	277	248	216	180	142	102	64	30	6		2261	2252	10.6
13	360	334	309	283	258	230	197	164	129	94	57	28	6	2449	2439	11.4

FORM CLASS
87

Table 23--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	6													6	12	2.5
2	[illegible]	6												[illegible]	17	[illegible]
14 - 1	[illegible]													[illegible]	11	[illegible]
2	[illegible]	6												[illegible]	[illegible]	[illegible]
3	[illegible]	6	[illegible]											[illegible]	[illegible]	[illegible]
16 - 1	12													[illegible]	[illegible]	[illegible]
2	12	6												[illegible]	[illegible]	[illegible]
3	12	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
4	12	11	8	6										[illegible]	48	[illegible]
5	12	11	10	8	6									[illegible]	[illegible]	[illegible]
18 - 1	16													16	17	1.5
2	16	6												22	22	2.0
3	16	12	6											34	[illegible]	3.0
4	16	14	10	6										46	[illegible]	3.9
5	16	14	12	9	6									[illegible]	[illegible]	4.9
6	16	15	13	11	8	5								[illegible]	[illegible]	5.9
20 - 2	[illegible]	6												26	[illegible]	1.9
3	[illegible]	14	6											[illegible]	[illegible]	[illegible]
4	[illegible]	16	12	6										[illegible]	[illegible]	[illegible]
5	[illegible]	18	14	[illegible]	6									[illegible]	[illegible]	4.8
6	[illegible]	18	16	13	10	6								[illegible]	[illegible]	[illegible]
7	[illegible]	18	17	15	[illegible]	[illegible]	6							[illegible]	[illegible]	[illegible]
8	20	19	17	[illegible]	14	11	[illegible]	[illegible]						111	[illegible]	[illegible]
22 - 2	24	6												[illegible]	[illegible]	1.9
3	[illegible]	16	6											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	13	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	21	[illegible]	[illegible]	6									[illegible]	[illegible]	[illegible]
6	24	22	[illegible]	15	11	6								[illegible]	[illegible]	[illegible]
7	24	22	20	17	14	10	6							[illegible]	[illegible]	[illegible]
8	24	23	21	18	16	13	9	6						[illegible]	[illegible]	[illegible]
9	24	[illegible]	21	[illegible]	18	15	12	[illegible]	6					[illegible]	[illegible]	[illegible]
24 - 2	[illegible]	[illegible]												[illegible]	[illegible]	1.8
3	[illegible]	19	6											[illegible]	[illegible]	[illegible]
4	[illegible]	23	15	6										[illegible]	[illegible]	[illegible]
5	[illegible]	25	20	[illegible]	6									[illegible]	[illegible]	[illegible]
6	[illegible]	27	22	18	12	[illegible]								[illegible]	[illegible]	[illegible]
7	30	27	24	20	16	11	6							[illegible]	132	[illegible]
8	[illegible]	28	25	22	[illegible]	15	10	[illegible]						[illegible]	152	[illegible]
9	[illegible]	28	[illegible]	[illegible]	20	[illegible]	14	[illegible]	6					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	26	24	22	19	[illegible]	[illegible]	9	[illegible]				[illegible]	[illegible]	[illegible]
26 - 3	35	21	[illegible]											[illegible]	[illegible]	[illegible]
4	35	28	17	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	23	14	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	35	32	28	[illegible]	[illegible]	12	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	35	32	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	[illegible]	[illegible]					[illegible]	[illegible]	8.2
10	35	[illegible]	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
28 - 3	42	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	32	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35	[illegible]	[illegible]	[illegible]									125	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	6								[illegible]	151	[illegible]
[illegible]	42	36	[illegible]	[illegible]	20	13	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	36	[illegible]	30	[illegible]	18	12	[illegible]						[illegible]	201	[illegible]
[illegible]	42	[illegible]	[illegible]	[illegible]	28	22	17	11	[illegible]					[illegible]	[illegible]	8.2
10	[illegible]	[illegible]	[illegible]	33	[illegible]	[illegible]	21	[illegible]	11	[illegible]				[illegible]	[illegible]	[illegible]
30 - 3	48	27	[illegible]											81	84	2.7
4	48	[illegible]	21	6										111	112	3.6
5	48	40	30	18	6									142	141	4.5
6	48	[illegible]	34	26	16	6								172	171	5.4
[illegible]	48	43	37	30	23	14	6							201	200	6.3
8	48	44	39	34	28	20	13	6						232	230	7.2
9	48	44	40	36	31	25	18	12	6					260	257	8.2
10	48	45	41	38	33	29	23	17	11	6				291	285	9.1
11	48	45	42	39	35	31	27	22	16	11	6			322	316	10.0

Table 23--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilize lengt 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	55	30	6											91	95	2.7
4	55	41	23	6										125	127	3.6
5	55	46	33	19	6									159	160	4.5
6	55	48	39	29	17	6								194	193	5.4
7	55	49	42	34	25	15	6							226	224	6.3
8	55	50	44	38	31	22	14	6						260	257	7.2
9	55	51	46	41	35	28	20	13	6					295	292	8.1
10	55	51	47	43	38	32	26	19	12	6				329	323	9.0
11	55	51	48	44	40	35	30	24	18	12	6			363	355	9.9
34 - 3	63	34	6											103	107	2.7
4	63	47	25	6										141	145	3.6
5	63	51	38	21	6									179	179	4.5
6	63	54	44	32	18	6								217	217	5.4
7	63	56	48	39	28	16	6							256	255	6.3
8	63	57	50	43	35	25	15	6						294	292	7.2
9	63	57	52	46	39	31	22	14	6					330	326	8.1
10	63	58	53	48	43	36	29	21	13	6				370	364	9.0
11	63	58	54	50	45	40	33	27	19	12	6			407	400	9.9
36 - 3	71	38	6											115	120	2.7
4	71	52	28	6										157	160	3.6
5	71	58	42	23	6									200	202	4.5
6	71	61	49	35	19	6								241	243	5.4
7	71	62	53	43	30	17	6							282	282	6.3
8	71	64	56	48	38	27	16	6						326	323	7.2
9	71	64	58	51	44	34	24	14	6					366	364	8.1
10	71	65	60	54	48	40	31	23	14	6				412	406	9.0
11	71	66	61	55	50	44	37	29	21	13	6			453	446	9.9
12	71	66	62	57	52	47	41	34	27	19	12	6		494	487	10.8
38 - 4	80	58	30	6										174	179	3.6
5	80	64	46	24	6									220	223	4.5
6	80	68	54	39	21	6								268	269	5.4
7	80	70	59	48	34	19	6							316	315	6.3
8	80	71	63	53	43	30	17	6						363	360	7.2
9	80	72	65	57	48	38	27	16	6					409	406	8.1
10	80	73	67	60	53	44	35	24	15	6				457	451	9.0
11	80	74	68	62	56	49	41	32	22	14	6			504	497	9.9
12	80	74	69	64	58	52	46	38	29	21	13	6		550	542	10.8
40 - 4	88	64	33	6										191	197	3.6
5	88	71	51	27	6									243	246	4.5
6	88	75	60	43	23	6								295	297	5.4
7	88	78	66	52	37	20	6							347	347	6.3
8	88	79	69	58	46	32	18	6						396	394	7.2
9	88	80	72	63	53	41	29	16	6					448	447	8.1
10	88	81	74	66	58	49	38	27	15	6				502	496	9.0
11	88	82	76	69	62	54	45	35	24	14	6			555	549	9.9
12	88	82	77	71	65	58	50	41	32	22	14	6		606	598	10.8
42 - 4	98	70	36	6										210	214	3.6
5	98	78	55	29	6									266	269	4.5
6	98	83	66	46	24	6								323	325	5.4
7	98	86	72	57	40	21	6							380	381	6.2
8	98	87	77	64	51	35	19	6						437	435	7.2
9	98	88	80	69	58	45	31	17	6					492	486	8.0
10	98	89	82	73	64	53	41	28	16	6				550	544	9.0
11	98	90	83	76	68	59	49	38	26	15	6			608	601	9.8
12	98	91	85	78	71	63	54	45	34	24	14	6		663	655	10.7
44 - 5	108	86	61	31	6									292	297	4.5
6	108	92	72	51	26	6								355	358	5.4
7	108	94	79	62	43	23	6							415	416	6.2
8	108	96	84	71	55	38	20	6						478	477	7.2
9	108	98	87	76	64	49	33	18	6					539	533	8.0
10	108	99	90	80	70	58	45	31	17	6				604	598	9.0
11	108	100	92	83	75	65	53	41	28	16	6			667	660	9.8
12	108	100	93	86	78	69	59	49	37	26	15	6		726	718	10.7
13	108	101	94	87	80	73	64	55	45	35	24	14	6	786	777	11.6

Table 23--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	118	94	66	33	6									317	323	4.4
6	118	100	78	55	28	6								385	389	5.4
7	118	103	86	68	47	24	6							452	454	6.2
8	118	105	92	77	60	40	21	6						519	519	7.2
9	118	107	95	83	69	53	36	19	6					586	580	8.0
10	118	108	98	88	76	63	48	33	18	6				656	650	8.9
11	118	109	100	91	81	70	58	44	30	17	6			724	717	9.8
12	118	110	102	94	85	76	65	53	40	28	16	6		793	784	10.7
13	118	110	103	95	88	80	70	59	49	38	25	15	6	856	848	11.6
48 - 5	129	103	71	35	6									344	351	4.4
6	129	109	86	59	30	6								419	423	5.3
7	129	113	94	74	50	26	6							492	494	6.2
8	129	115	100	84	65	44	22	6						565	566	7.1
9	129	117	104	90	75	57	39	20	6					637	631	8.0
10	129	118	107	95	83	68	52	35	19	6				712	704	8.9
11	129	119	110	99	88	77	62	48	32	18	6			788	781	9.8
12	129	120	112	102	93	82	70	57	43	29	16	6		859	852	10.7
13	129	121	113	104	96	87	76	65	53	40	27	15	6	932	924	11.6
50 - 5	140	112	77	38	6									373	377	4.4
6	140	118	93	64	31	6								452	458	5.3
7	140	122	102	80	54	27	6							531	534	6.2
8	140	125	108	90	70	47	23	6						609	610	7.1
9	140	127	113	98	81	62	41	21	6					689	683	8.0
10	140	128	116	103	89	73	56	38	20	6				769	761	8.9
11	140	129	119	107	95	82	67	51	34	18	6			848	839	9.8
12	140	131	120	111	100	89	76	62	46	31	17	6		929	922	10.7
13	140	131	122	113	104	94	82	69	56	43	29	16	6	1005	996	11.6
52 - 6	152	128	100	68	33	6								487	493	5.3
7	152	132	110	86	58	29	6							573	577	6.2
8	152	135	117	97	75	50	25	6						657	658	7.1
9	152	136	122	106	87	66	44	22	6					741	735	8.0
10	152	138	126	112	96	79	60	40	21	6				830	822	8.9
11	152	140	128	116	103	89	72	54	36	19	6			915	906	9.8
12	152	141	131	119	108	95	81	66	49	33	18	6		999	991	10.7
13	152	142	132	122	112	101	88	75	60	46	30	17	6	1083	1075	11.6
54 - 6	165	138	108	73	35	6								525	531	5.3
7	165	143	119	92	62	30	6							617	621	6.2
8	165	146	127	105	80	53	26	6						708	710	7.1
9	165	148	132	114	94	71	47	24	6					801	795	8.0
10	165	150	136	120	104	85	64	43	22	6				895	887	8.9
11	165	152	139	126	112	95	78	58	38	20	6			989	981	9.8
12	165	153	141	129	117	103	87	71	53	35	18	6		1078	1071	10.7
13	165	153	143	132	121	109	95	80	65	49	32	17	6	1167	1159	11.6
56 - 6	177	148	116	78	37	6								562	569	5.3
7	177	153	127	99	66	32	6							660	665	6.2
8	177	157	136	113	86	56	28	6						759	760	7.1
9	177	159	142	122	101	76	49	25	6					857	851	8.0
10	177	161	146	129	112	90	68	45	23	6				957	949	8.9
11	177	163	149	134	119	102	83	62	40	21	6			1056	1048	9.8
12	177	164	151	138	126	110	93	76	56	37	19	6		1153	1146	10.7
13	177	165	153	142	130	117	102	86	69	52	34	18	6	1251	1242	11.6
58 - 6	191	160	124	84	39	6								604	612	5.3
7	191	165	137	106	70	34	6							709	714	6.2
8	191	169	146	120	93	60	29	6						814	817	7.1
9	191	171	152	131	108	80	53	26	6					918	912	8.0
10	191	174	157	139	120	97	73	48	24	6				1029	1021	8.9
11	191	176	160	144	128	110	89	66	43	22	6			1135	1126	9.8
12	191	176	163	149	134	119	100	80	59	39	20	6		1236	1226	10.7
13	191	178	165	153	140	126	108	92	74	55	35	19	6	1342	1331	11.6
60 - 6	204	171	132	89	41	6								643	652	5.3
7	204	177	146	113	75	35	6							756	763	6.2
8	204	181	156	129	98	63	30	6						867	871	7.1
9	204	183	162	140	115	86	55	27	6					978	972	8.0
10	204	186	168	148	127	103	77	50	25	6				1094	1087	8.9
11	204	188	171	154	136	117	94	70	45	23	6			1208	1200	9.8
12	204	189	174	159	144	126	107	86	63	41	21	6		1320	1310	10.7
13	204	190	177	163	149	134	116	98	78	58	38	19	6	1430	1419	11.6

FORM CLASS
87

Table 23--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utili lengt 16 f logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	218	182	140	94	44	6								684	694	[illegible]
7	218	189	156	119	79	37	6							804	811	[illegible]
8	218	192	166	137	104	67	32	6						922	926	[illegible]
9	218	196	174	149	122	90	58	29	6					1041	1055	[illegible]
10	218	198	179	158	136	110	82	53	26	6				1166	1159	[illegible]
11	218	200	183	165	145	124	100	74	47	24	6			1266	1278	[illegible]
12	218	202	186	170	153	134	113	90	66	43	22	6		1403	1394	[illegible]
13	218	204	189	174	159	142	123	104	82	62	39	20	6	1522	1512	11.5
64 - 6	234	195	150	100	46	6								731	742	[illegible]
7	234	202	166	127	84	39	6							858	866	[illegible]
8	234	206	178	146	111	71	33	6						985	990	[illegible]
9	234	209	186	159	130	96	62	30	6					1112	1106	[illegible]
10	234	212	191	169	144	117	87	56	27	6				1243	1236	[illegible]
11	234	214	196	176	155	132	107	78	50	25	6			1373	1365	[illegible]
12	234	216	199	182	163	143	120	96	70	46	23	6		1498	1487	[illegible]
13	234	218	202	186	170	152	131	110	88	65	41	21	6	1624	1613	11.5
66 - 7	248	214	176	135	87	41	6							907	916	[illegible]
8	248	219	189	155	117	75	35	6						1044	1049	[illegible]
9	248	222	196	168	138	102	65	31	6					1176	1170	[illegible]
10	248	225	203	180	153	124	92	59	28	6				1318	1311	[illegible]
11	248	228	208	186	165	140	113	82	52	26	6			1454	1446	[illegible]
12	248	229	211	192	174	152	127	102	74	48	24	6		1587	1577	[illegible]
13	248	231	214	197	180	161	139	117	93	68	43	22	6	1719	1712	11.5
68 - 7	265	228	187	143	93	43	6							965	975	[illegible]
8	265	234	200	164	124	79	36	6						1108	[illegible]	[illegible]
9	265	237	209	180	146	108	69	32	6					1252	1246	[illegible]
10	265	240	216	190	163	131	97	62	30	6				1400	1393	[illegible]
11	265	242	221	198	175	149	119	87	55	27	6			1543	1535	[illegible]
12	265	244	225	205	184	161	135	108	78	50	24	6		1685	1676	[illegible]
13	265	246	228	210	192	171	147	124	98	72	46	23	6	1828	1817	11.5
70 - 7	280	241	198	151	98	45	6							1019	1030	[illegible]
8	280	247	213	174	131	83	38	6						1172	1178	[illegible]
9	280	250	222	189	155	114	72	34	6					1322	1316	[illegible]
10	280	254	228	201	172	138	102	65	30	6				1476	1470	[illegible]
11	280	257	234	210	185	157	126	92	58	28	6			1633	1625	[illegible]
12	280	259	238	217	195	170	142	114	82	52	25	6		1780	1771	[illegible]
13	280	261	241	222	203	181	156	131	103	76	48	23	6	1931	1920	11.5
72 - 7	297	256	209	159	103	47	6							1077	1089	[illegible]
8	297	261	224	183	138	87	39	6						1235	1243	[illegible]
9	297	265	234	200	163	119	76	35	6					1395	1389	[illegible]
10	297	269	242	213	182	146	107	68	32	6				1562	1556	[illegible]
11	297	272	248	222	195	165	132	96	60	29	6			1722	1716	9.7
12	297	274	252	229	205	180	151	119	86	55	26	6		1880	1871	[illegible]
13	297	276	256	234	214	192	164	137	108	80	49	24	6	2037	2027	11.5
74 - 7	314	270	222	168	109	49	6							1138	1146	[illegible]
8	314	277	237	194	146	92	41	6						1307	1315	[illegible]
9	314	280	248	212	172	126	80	36	6					1474	1468	[illegible]
10	314	285	256	225	192	154	113	71	33	6				1649	1643	8.8
11	314	288	262	234	206	175	140	101	63	30	6			1819	1812	[illegible]
12	314	290	266	242	218	190	159	126	90	57	28	6		1986	1977	[illegible]
13	314	292	270	248	227	202	174	145	114	84	52	25	6	2153	2143	11.5
76 - 7	332	285	234	177	114	51	6							1199	1208	[illegible]
8	332	292	250	204	153	96	43	6						1376	1385	[illegible]
9	332	296	261	222	181	132	83	38	6					1551	1545	[illegible]
10	332	301	270	237	202	162	119	75	34	6				1738	1733	[illegible]
11	332	304	276	247	218	184	146	106	66	31	6			1916	1910	[illegible]
12	332	305	280	256	229	200	167	132	95	59	28	6		2089	2081	[illegible]
13	332	307	285	262	239	213	182	152	120	87	54	26	6	2265	2255	11.5
78 - 7	350	301	246	186	120	53	6							1262	1272	[illegible]
8	350	307	264	215	161	101	44	6						1448	1442	[illegible]
9	350	312	276	235	191	139	87	39	6					1635	1629	8.0
10	350	317	285	250	213	170	124	78	36	6				1829	1823	[illegible]
11	350	320	292	261	229	194	155	112	69	32	6			2020	2014	[illegible]
12	350	322	297	269	241	211	176	139	100	62	29	6		2202	2194	[illegible]
13	350	325	301	276	252	224	192	160	126	92	56	27	6	2387	2377	11.5

Table 23--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FORM CLAS
88

Table 24--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilize lengt 16 f logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	6													6	11	2.
2	6	6												12	17	3.
14 - 1	9													9	11	1.
2	9	6												15	16	2.
3	9	8	6											23	25	3.
16 - 1	12													12	14	1.
2	12	6												18	18	2.
3	12	10	6											28	28	3.
4	12	11	9	6										38	39	[illegible]
5	12	11	10	8	6									47	48	5.
18 - 1	16													16	17	1.
2	16	6												22	22	2.
3	16	12	6											34	34	3.
4	16	14	10	6										46	46	3.
5	16	14	12	9	6									57	56	4.9
6	16	15	13	11	9	6								70	69	5.
20 - 2	20	6												26	26	1.9
3	20	14	6											40	40	2.
4	20	17	12	6										55	54	3.
5	20	18	15	10	6									69	69	4.
6	20	18	16	13	10	6								83	82	5.
7	20	19	17	15	12	9	6							98	96	6.
8	20	19	18	16	14	12	9	6						114	112	7.
22 - 2	25	6												31	32	1.
3	25	16	6											47	47	2.
4	25	20	13	6										64	65	3.
5	25	22	17	12	6									82	81	4.
6	25	23	19	16	11	6								100	99	5.
7	25	23	21	18	14	10	6							117	115	6.
8	25	23	22	19	16	13	10	6						134	132	7.
9	25	24	22	20	18	15	12	9	6					151	148	8.
24 - 2	30	6												36	37	1.
3	30	19	6											55	55	2.8
4	30	24	15	6										75	74	3.
5	30	26	20	13	6									95	94	4.
6	30	27	23	18	12	6								116	114	5.
7	30	28	24	20	16	11	6							135	133	6.
8	30	28	25	22	19	15	10	6						155	152	7.
9	30	28	26	24	21	18	14	10	6					177	173	8.
10	30	29	27	24	22	19	16	13	9	6				195	192	9.
26 - 3	36	22	6											64	65	2.
4	36	28	17	6										87	87	3.6
5	36	30	23	15	6									110	109	4.6
6	36	32	27	20	13	6								134	133	5.
7	36	33	29	24	18	12	6							158	156	6.4
8	36	33	30	26	22	17	11	6						181	179	7.
9	36	34	31	28	24	20	16	11	6					206	203	8.2
10	36	34	31	29	26	23	19	15	10	6				229	225	9.2
28 - 3	43	24	6											73	76	2.
4	43	32	19	6										100	101	3.
5	43	35	27	16	6									127	127	4.
6	43	37	31	23	14	6								154	154	5.4
7	43	38	33	28	20	13	6							181	179	6.4
8	43	39	35	30	25	18	12	6						208	205	7.
9	43	39	36	32	28	23	17	11	6					235	232	8.2
10	43	40	37	33	30	26	21	16	11	6				263	259	9.1
30 - 3	49	28	6											83	86	2.7
4	49	37	21	6										113	114	3.6
5	49	41	30	18	6									144	144	4.
6	49	43	35	26	16	6								175	175	5.4
7	49	44	38	31	23	14	6							205	204	6.
8	49	45	40	34	28	21	13	6						236	234	7.
9	49	46	41	37	32	25	19	12	6					267	264	8.2
10	49	46	42	39	34	29	24	18	12	6				299	296	9.1
11	49	46	43	40	36	32	28	22	16	11	6			329	323	10.0

Table 24--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	57	31	6											94	97	2.7
4	57	43	23	6										129	132	3.6
5	57	47	34	19	6									163	164	4.5
6	57	49	40	29	17	6								198	197	5.4
7	57	51	43	35	26	15	6							233	233	6.3
8	57	51	46	39	32	23	14	6						268	266	7.2
9	57	52	47	42	36	29	21	13	6					303	300	8.1
10	57	53	48	44	39	33	27	19	12	6				338	332	9.0
11	57	53	49	45	41	36	31	24	18	12	6			372	366	10.0
34 - 3	64	35	6											105	109	2.7
4	64	48	26	6										144	147	3.6
5	64	53	38	21	6									182	182	4.5
6	64	55	45	32	18	6								220	220	5.4
7	64	57	49	39	28	16	6							259	258	6.3
8	64	58	51	44	35	25	15	6						298	297	7.2
9	64	58	53	47	40	31	23	14	6					336	333	8.1
10	64	59	55	49	44	37	29	21	13	6				377	371	9.0
11	64	60	55	51	46	40	34	27	19	12	6			414	407	9.9
36 - 3	73	39	6											118	123	2.7
4	73	53	28	6										160	163	3.6
5	73	59	43	23	6									204	206	4.5
6	73	62	50	36	20	6								247	248	5.4
7	73	64	55	44	31	18	6							291	290	6.3
8	73	65	58	49	39	28	16	6						334	333	7.2
9	73	66	60	53	45	35	25	15	6					378	375	8.1
10	73	67	61	55	49	41	32	23	14	6				421	415	9.0
11	73	67	62	57	51	45	38	30	21	13	6			463	456	9.9
12	73	68	63	58	54	48	42	35	28	20	12	6		507	499	10.8
38 - 4	81	59	31	6										177	181	3.6
5	81	66	47	25	6									225	228	4.5
6	81	69	55	40	21	6								272	273	5.4
7	81	71	60	48	34	19	6							319	318	6.3
8	81	73	64	54	43	30	17	6						368	366	7.2
9	81	74	66	58	49	39	27	16	6					416	413	8.1
10	81	75	68	61	54	45	35	25	15	6				465	459	9.0
11	81	75	69	63	57	50	42	32	23	14	6			512	505	9.9
12	81	76	70	65	59	53	46	39	30	21	13	6		559	551	10.8
40 - 4	90	66	34	6										196	201	3.6
5	90	73	52	27	6									248	252	4.5
6	90	77	62	44	23	6								302	304	5.4
7	90	80	67	53	38	20	6							354	355	6.3
8	90	81	71	60	48	33	18	6						407	405	7.2
9	90	82	74	65	54	42	29	17	6					459	457	8.1
10	90	83	76	68	59	49	39	27	16	6				513	507	9.0
11	90	84	78	70	63	55	46	35	24	15	6			566	559	9.9
12	90	84	78	72	66	59	51	42	32	23	14	6		617	609	10.8
42 - 4	100	72	37	6										215	220	3.6
5	100	80	57	29	6									272	276	4.5
6	100	85	67	48	25	6								331	333	5.4
7	100	88	74	58	41	22	6							389	389	6.3
8	100	90	78	66	52	35	19	6						446	445	7.2
9	100	91	82	71	60	46	31	18	6					505	503	8.1
10	100	92	84	75	66	54	42	29	16	6				564	558	9.0
11	100	93	86	78	70	61	50	39	26	16	6			625	617	9.9
12	100	94	87	80	73	65	56	46	35	24	14	6		680	672	10.8
44 - 5	110	88	62	31	6									297	302	4.5
6	110	93	74	51	26	6								360	363	5.4
7	110	96	81	64	44	23	6							424	425	6.3
8	110	98	86	72	56	38	20	6						486	486	7.2
9	110	100	89	78	65	50	34	18	6					550	550	8.1
10	110	101	92	82	71	59	46	31	17	6				615	609	9.0
11	110	102	94	85	76	66	54	41	28	16	6			678	671	9.9
12	110	103	95	88	80	71	61	50	38	26	15	6		743	735	10.8
13	110	103	96	89	82	75	65	56	46	35	24	14	6	801	792	11.6

Table 24--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	121	96	67	33	6									323	329	4.5
6	121	103	80	56	28	6								394	398	5.4
7	121	106	88	69	48	24	6							462	464	[illegible]
8	121	108	94	78	61	41	22	6						531	530	7.2
9	121	109	98	85	71	54	36	19	6					599	599	[illegible]
10	121	111	101	90	78	64	49	33	18	6				671	665	[illegible]
11	121	112	103	93	83	72	59	45	30	17	6			741	734	[illegible]
12	121	113	104	96	87	77	66	54	41	28	16	6		809	801	[illegible]
13	121	113	106	98	90	82	71	61	50	38	26	15	6	877	868	[illegible]
48 - 5	132	105	73	36	6									352	359	4.4
6	132	112	87	60	30	6								427	431	5.4
7	132	115	96	75	51	26	6							501	503	6.2
8	132	117	102	85	66	44	23	6						575	575	7.2
9	132	119	106	92	77	58	39	20	6					649	643	8.0
10	132	120	110	98	85	69	53	36	19	6				728	722	8.9
11	132	122	112	101	90	78	64	48	32	18	6			803	796	9.8
12	132	122	113	104	94	84	71	58	44	30	17	6		875	866	10.7
13	132	123	115	106	98	88	77	66	53	41	27	16	6	948	939	11.6
50 - 5	144	114	78	38	6									380	388	4.4
6	144	121	95	65	32	6								463	468	5.4
7	144	125	104	81	55	28	6							543	545	6.2
8	144	128	111	92	72	48	24	6						625	625	7.1
9	144	129	116	100	83	63	42	22	6					705	699	8.0
10	144	131	119	106	92	75	57	38	20	6				788	780	8.9
11	144	132	122	110	98	84	69	52	34	19	6			870	863	9.8
12	144	133	124	113	103	90	77	63	47	31	17	6		948	941	10.7
13	144	134	126	116	106	96	84	71	58	44	29	16	6	1030	1022	11.6
52 - 6	156	131	103	70	34	6								500	506	5.4
7	156	136	113	88	59	29	6							587	591	6.2
8	156	138	120	100	77	51	25	6						673	674	7.1
9	156	140	125	108	89	67	45	23	6					759	753	8.0
10	156	142	129	114	99	80	61	41	21	6				849	841	8.9
11	156	144	132	119	106	91	74	55	36	19	6			938	932	9.8
12	156	145	134	123	111	98	83	67	50	33	18	6		1024	1017	10.
13	156	146	136	126	115	104	90	77	62	47	31	17	6	1113	1105	11.6
54 - 6	168	141	110	75	36	6								536	542	5.4
7	168	146	121	94	63	31	6							629	633	6.2
8	168	149	129	107	82	54	27	6						722	724	7.1
9	168	151	134	116	96	72	48	24	6					815	809	8.0
10	168	153	139	123	106	86	65	43	22	6				911	903	8.9
11	168	155	142	128	113	98	79	59	39	20	6			1007	1001	9.8
12	168	156	144	132	119	105	89	72	53	35	19	6		1098	1091	10.7
13	168	157	146	135	124	112	96	82	66	50	32	18	6	1192	1183	11.6
56 - 6	182	153	118	80	38	6								577	584	5.4
7	182	158	131	101	67	32	6							677	682	6.2
8	182	161	139	115	88	58	28	6						777	781	7.1
9	182	163	145	125	103	77	51	25	6					877	871	8.0
10	182	165	150	132	114	93	70	46	23	6				981	973	8.9
11	182	167	153	138	122	104	85	63	41	21	6			1082	1076	9.8
12	182	168	156	142	128	113	95	77	57	38	20	6		1182	1174	10.7
13	182	169	158	145	133	120	104	88	70	53	34	18	6	1280	1272	11.6
58 - 6	195	163	126	85	40	6								615	617	5.3
7	195	169	140	107	71	34	6							722	728	6.2
8	195	172	149	123	94	61	29	6						829	832	7.1
9	195	175	156	134	110	82	53	26	6					937	931	8.0
10	195	177	160	142	122	99	74	49	24	6				1048	1040	8.9
11	195	180	164	147	131	112	90	67	43	22	6			1157	1149	9.8
12	195	180	166	152	137	120	102	82	60	40	20	6		1260	1253	10.7
13	195	182	169	156	142	128	111	93	75	56	36	19	6	1368	1360	11.6
60 - 6	209	175	135	91	42	6								658	667	5.3
7	209	181	149	115	76	36	6							772	778	6.2
8	209	185	160	131	100	65	31	6						887	891	7.1
9	209	188	166	143	117	87	56	28	6					1000	994	8.0
10	209	190	172	152	131	106	78	51	25	6				1120	1113	8.9
11	209	192	176	158	140	119	96	71	46	23	6			1236	1226	9.8
12	209	193	179	163	147	129	109	87	64	42	21	6		1349	1338	10.7
13	209	195	181	167	153	137	118	100	80	59	38	20	6	1463	1455	11.6

Table 24--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 6	224	187	144	96	[illegible]	6								[illegible]	711	5.3
7	224	194	[illegible]	122	[illegible]	38	6							[illegible]	831	6.2
8	224	198	170	140	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	950	7.1
9	224	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1063	8.0
10	224	204	184	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1189	8.9
11	224	206	188	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1312	9.8
12	224	[illegible]	191	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1431	10.7
13	[illegible]	208	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1549	11.6
64 - 7	239	206	170	[illegible]	85	[illegible]	6							[illegible]	884	6.2
8	239	211	182	[illegible]	113	73	34	[illegible]						[illegible]	1012	7.1
9	239	213	184	162	133	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	1127	8.0
10	239	217	196	173	148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1263	8.9
11	239	219	[illegible]	180	158	135	108	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1392	9.8
12	239	221	203	186	167	146	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1520	10.7
13	239	222	[illegible]	189	174	[illegible]	124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1646	11.6
66 - 7	255	220	181	138	90	41	6							[illegible]	941	6.2
8	255	[illegible]	193	158	120	77	[illegible]	[illegible]						[illegible]	1074	7.1
9	255	228	201	[illegible]	141	104	[illegible]	[illegible]	[illegible]					[illegible]	1199	8.0
10	255	[illegible]	208	[illegible]	157	[illegible]	94	[illegible]	[illegible]	[illegible]				[illegible]	1342	8.9
11	255	234	[illegible]	191	[illegible]	144	[illegible]	84	[illegible]	[illegible]	[illegible]			[illegible]	1481	9.8
12	255	235	217	197	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1617	10.7
13	255	237	220	202	185	[illegible]	142	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	1754	11.6
68 - 7	270	233	191	[illegible]	[illegible]	[illegible]	6							[illegible]	994	6.2
8	270	[illegible]	204	168	127	[illegible]	[illegible]	[illegible]						[illegible]	1135	7.1
9	270	241	[illegible]	[illegible]	149	110	[illegible]	[illegible]	[illegible]					[illegible]	1268	8.0
10	270	[illegible]	221	194	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1421	8.9
11	270	[illegible]	226	[illegible]	[illegible]	152	122	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1568	9.8
12	270	[illegible]	[illegible]	[illegible]	188	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1710	10.6
13	270	251	[illegible]	214	[illegible]	[illegible]	151	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1854	11.5
70 - 7	287	248	203	155	100	[illegible]	6							[illegible]	1055	6.2
8	287	253	[illegible]	178	134	[illegible]	[illegible]	6						[illegible]	1206	7.1
9	287	[illegible]	[illegible]	[illegible]	158	116	[illegible]	[illegible]	6					[illegible]	1346	8.0
10	[illegible]	[illegible]	234	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	1504	8.9
11	[illegible]	[illegible]	240	214	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	1660	9.8
12	[illegible]	[illegible]	244	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	1812	10.6
13	287	266	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	1965	11.5
72 - 7	304	262	215	163	106	48	6							[illegible]	1115	6.2
8	304	268	230	188	142	89	[illegible]	6						[illegible]	1275	7.1
9	304	[illegible]	240	205	167	122	77	[illegible]	6					[illegible]	1423	8.0
10	304	276	248	218	186	149	110	[illegible]	32	6				[illegible]	1592	8.9
11	304	278	254	226	200	170	[illegible]	[illegible]	[illegible]	[illegible]	6			[illegible]	1758	9.8
12	304	280	258	235	211	184	154	122	88	55	[illegible]	6		[illegible]	1914	10.6
13	304	283	262	240	220	195	168	140	111	81	51	[illegible]	6	[illegible]	2075	11.5
74 - 7	321	277	[illegible]	172	111	49	6							[illegible]	1176	6.2
8	321	282	242	198	149	94	42	6						[illegible]	1342	7.1
9	321	287	253	216	176	129	81	[illegible]	6					[illegible]	1500	8.0
10	321	291	262	230	196	157	115	73	34	6				[illegible]	1678	8.9
11	321	294	267	240	211	179	142	[illegible]	64	[illegible]	6			[illegible]	1850	9.7
12	321	297	272	248	222	194	162	129	93	[illegible]	28	6		[illegible]	2021	10.6
13	321	299	[illegible]	254	232	207	177	148	117	95	53	[illegible]	6	[illegible]	2191	11.5
76 - 7	340	292	239	181	117	52	6							[illegible]	1241	6.2
8	340	[illegible]	256	208	157	98	44	6						[illegible]	1417	7.1
9	340	304	267	228	186	135	85	39	6					1590	1584	8.0
10	340	307	277	243	207	165	121	[illegible]	[illegible]	6				[illegible]	1771	8.9
11	340	311	283	253	222	189	150	108	67	[illegible]	6			[illegible]	1954	9.7
12	340	313	288	262	234	204	170	135	97	61	29	6		2139	2130	10.6
13	340	315	292	268	244	218	186	156	122	[illegible]	55	[illegible]	6	[illegible]	2307	11.5
78 - 7	358	307	251	190	122	54	6							1288	1302	6.2
8	358	314	269	219	165	103	45	6						[illegible]	1489	7.1
9	358	318	281	240	195	142	88	40	6					1668	1662	8.0
10	358	323	291	256	218	174	127	80	36	6				1869	1863	8.8
11	358	328	298	266	234	198	158	113	70	33	6			2062	2055	9.7
12	358	330	302	275	247	215	180	142	102	63	30	6		2250	2241	10.6
13	358	332	307	281	256	229	196	163	128	93	57	27	6	2433	2423	11.5

Table 24--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
80 - 7	377	323	265	200	128	56	6							1355	1371	6.2
8	377	332	283	231	173	108	47	6						1557	1568	7.1
9	377	336	296	252	204	148	93	41	6					1753	1747	8.0
10	377	341	306	268	228	182	133	83	38	6				1962	1956	8.8
11	377	345	313	280	246	208	165	119	73	34	6			2166	2160	9.7
12	377	347	318	290	259	226	189	148	106	66	31	6		2363	2354	10.6
13	377	350	323	297	270	241	206	171	134	98	59	28	6	2560	2550	11.5

FORM CLASS
89

Table 25--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	7													7	12	[illegible]
2	7	6												13	18	[illegible]
14 - 1	10													10	11	1.6
2	10	6												16	[illegible]	2.2
3	10	8	6											[illegible]	[illegible]	[illegible]
16 - 1	13													13	14	[illegible]
2	13	6												[illegible]	[illegible]	[illegible]
3	13	10	6											[illegible]	[illegible]	3.1
4	13	11	[illegible]	6										[illegible]	[illegible]	[illegible]
5	13	12	10	8	6									[illegible]	50	[illegible]
18 - 1	17													17	17	1.5
2	17	6												23	23	2.0
3	17	12	6											35	[illegible]	3.0
4	17	14	10	6										47	47	3.9
5	17	15	12	9	6									[illegible]	[illegible]	4.9
6	17	15	14	11	9	6								72	71	5.9
20 - 2	21	6												[illegible]	[illegible]	1.9
3	21	14	6											41	41	[illegible]
4	21	17	12	6										56	55	3.8
5	21	18	15	11	6									[illegible]	[illegible]	[illegible]
6	21	19	17	14	10	6								87	86	[illegible]
7	21	19	17	15	[illegible]	9	6							[illegible]	[illegible]	[illegible]
8	21	[illegible]	18	16	14	12	9	6						[illegible]	[illegible]	[illegible]
22 - 2	[illegible]	6												[illegible]	[illegible]	[illegible]
3	26	17	6											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	14	[illegible]										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	18	[illegible]	6									[illegible]	[illegible]	[illegible]
6	26	23	20	[illegible]	11	6								[illegible]	101	[illegible]
7	[illegible]	24	21	18	14	[illegible]	6							[illegible]	[illegible]	[illegible]
8	[illegible]	24	[illegible]	[illegible]	17	13	10	6						[illegible]	[illegible]	[illegible]
9	[illegible]	24	[illegible]	[illegible]	18	[illegible]	12	[illegible]	6					[illegible]	[illegible]	[illegible]
24 - 2	31	6												[illegible]	[illegible]	1.8
3	31	[illegible]	6											[illegible]	[illegible]	[illegible]
4	31	[illegible]	[illegible]	6										[illegible]	[illegible]	[illegible]
5	31	[illegible]	21	[illegible]	6									[illegible]	[illegible]	4.6
6	31	28	23	18	12	6								[illegible]	[illegible]	[illegible]
7	31	[illegible]	[illegible]	21	17	[illegible]	6							[illegible]	[illegible]	[illegible]
8	31	[illegible]	[illegible]	23	19	15	10	6						[illegible]	157	[illegible]
9	31	[illegible]	[illegible]	24	22	18	14	10	6					[illegible]	178	8.3
10	31	[illegible]	28	25	[illegible]	[illegible]	[illegible]	13	10	6				[illegible]	[illegible]	[illegible]
26 - 3	[illegible]	[illegible]	6											[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	17	6										[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	15	6									113	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	13	6								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	6							[illegible]	[illegible]	6.4
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	11	6						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	6					[illegible]	[illegible]	[illegible]
10	[illegible]	35	42	30	27	23	19	15	10	6				[illegible]	[illegible]	[illegible]
28 - 3	44	25	6											75	[illegible]	2.7
4	44	[illegible]	19	6										102	104	3.6
5	44	[illegible]	27	15	6									[illegible]	[illegible]	4.5
6	44	38	31	24	15	6								158	[illegible]	5.5
7	44	39	34	28	21	13	6							[illegible]	184	6.4
8	44	40	35	31	25	[illegible]	[illegible]	6						[illegible]	[illegible]	7.3
9	44	[illegible]	37	[illegible]	28	23	17	11	6					[illegible]	[illegible]	8.2
10	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	11	6				[illegible]	[illegible]	9.1
30 - 3	51	28	6											[illegible]	88	2.7
4	51	38	22	6										117	118	[illegible]
5	51	42	31	13	6									145	[illegible]	[illegible]
6	51	44	36	27	16	6								180	180	5.4
7	51	45	39	32	23	14	6							210	[illegible]	6.4
8	51	46	41	35	29	21	13	6						[illegible]	[illegible]	7.3
9	51	46	42	38	32	[illegible]	19	12	6					272	270	8.2
10	51	47	43	39	[illegible]	30	24	18	12	6				305	[illegible]	9.1
11	51	48	44	41	37	33	28	22	17	11	6			338	332	10.0

Table 25--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utili lengt 16 f logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	58	32	6											96	99	2.
4	58	43	24	6										131	133	3.
5	58	48	35	20	6									167	168	[illegible]
6	58	50	41	30	17	6								202	201	5.
7	58	51	44	36	26	16	6							237	236	[illegible]
8	58	53	47	40	32	23	14	6						273	271	[illegible]
9	58	53	48	43	36	29	21	13	6					307	304	8.
10	58	54	49	45	40	34	27	20	12	6				345	339	9.
11	58	54	50	46	42	37	31	25	18	12	6			379	373	1
34 - 3	66	36	6											108	112	2.
4	66	49	25	6										147	151	3.
5	66	54	39	22	6									187	187	4.
6	66	57	46	33	19	6								227	227	5.
7	66	58	50	40	29	17	6							266	266	6.
8	66	59	53	45	36	26	15	6						306	305	[illegible]
9	66	60	55	48	41	32	23	14	6					345	342	8.
10	66	61	56	51	45	38	30	22	13	6				388	382	9.
11	66	62	57	52	47	41	35	28	20	12	6			426	420	10.
36 - 4	74	54	29	6										163	166	3.
5	74	60	43	23	6									206	208	4.
6	74	63	51	37	20	6								251	252	5.
7	74	66	55	45	32	18	6							296	295	6.
8	74	66	59	50	40	28	16	6						339	339	7.2
9	74	67	61	53	46	35	25	15	6					382	380	8.1
10	74	68	62	56	49	41	33	23	14	6				426	420	9.
11	74	69	64	58	53	46	39	30	21	13	6			473	466	9.
12	74	69	65	60	55	49	43	35	28	20	12	6		516	510	10.
38 - 4	83	60	31	6										180	185	3.
5	83	67	48	25	6									229	232	4.
6	83	71	57	40	22	6								279	280	5.
7	83	73	62	49	35	19	6							327	327	6.
8	83	75	66	55	44	30	17	6						376	376	7.2
9	83	76	68	59	50	39	28	16	6					425	422	8.1
10	83	77	70	63	55	46	36	25	15	6				476	470	9.
11	83	77	71	65	58	51	43	33	23	14	6			524	517	9.
12	83	78	72	66	61	55	47	39	30	22	13	6		572	564	10.
40 - 4	93	67	34	6										200	206	3.
5	93	75	53	28	6									255	258	4.
6	93	79	63	44	23	6								308	310	5.
7	93	81	68	54	38	20	6							360	361	6.
8	93	83	73	61	49	33	18	6						416	417	7.2
9	93	84	76	66	55	43	30	17	6					470	469	8.1
10	93	85	78	69	61	51	39	28	16	6				526	520	9.
11	93	86	79	72	65	56	47	36	25	15	6			580	573	9.
12	93	86	80	74	67	60	52	43	33	23	14	6		631	623	10.
42 - 4	103	74	38	6										221	226	3.
5	103	82	58	30	6									279	283	4.
6	103	87	69	49	25	6								339	341	5.
7	103	90	76	60	41	22	6							398	398	6.
8	103	92	80	67	53	36	19	6						456	455	7.2
9	103	93	83	73	61	47	32	18	6					516	514	8.1
10	103	94	86	77	67	55	43	30	17	6				578	572	9.
11	103	95	87	80	71	62	51	39	27	16	6			637	629	9.
12	103	95	89	82	75	66	57	47	36	25	15	6		696	687	10.
44 - 5	113	90	63	32	6									304	309	4.
6	113	96	76	53	27	6								371	374	5.
7	113	99	83	65	45	23	6							434	435	6.
8	113	101	88	74	58	39	20	6						499	499	7.2
9	113	102	92	80	66	51	35	19	6					564	563	8.1
10	113	104	94	84	73	60	47	32	18	6				631	625	9.0
11	113	104	96	87	78	67	55	43	29	16	6			694	687	9.9
12	113	106	98	90	82	73	62	51	39	27	15	6		762	753	10.8
13	113	106	99	92	85	77	67	57	47	36	24	14	6	823	815	11.7

Table 25--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	82	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	103	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	114	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	112	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	125	114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]
6	147	124	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	126	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	115	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	160	142	[illegible]	102	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	132	[illegible]	101	82	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	147	134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	139	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	[illegible]	[illegible]	113	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	5.4
7	[illegible]	[illegible]	[illegible]	[illegible]	64	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	132	[illegible]	84	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	138	119	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	173	[illegible]	142	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	173	159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	173	160	148	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - [illegible]	[illegible]	[illegible]	120	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	142	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	186	[illegible]	148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	156	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
12	186	172	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] - 6	200	167	129	87	41	[illegible]								[illegible]	[illegible]	5.4
7	[illegible]	173	[illegible]	110	73	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]
8	200	176	153	[illegible]	[illegible]	[illegible]	3	[illegible]						[illegible]	[illegible]	7.1
9	[illegible]	179	159	[illegible]	[illegible]	84	54	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
10	200	182	164	145	125	[illegible]	[illegible]	49	24	[illegible]				[illegible]	[illegible]	[illegible]
11	200	183	168	151	[illegible]	[illegible]	[illegible]	58	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	9.8
12	200	185	170	[illegible]	140	124	[illegible]	[illegible]	[illegible]	40	[illegible]	[illegible]		[illegible]	1284	[illegible]
13	[illegible]	186	173	159	146	[illegible]	[illegible]	[illegible]	[illegible]	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60 - 6	214	179	138	93	43	6								[illegible]	[illegible]	[illegible]
7	214	186	153	117	78	[illegible]	6							[illegible]	[illegible]	6.2
8	214	189	163	134	103	66	31	6						906	910	7.1
9	214	192	170	146	120	89	58	28	6					1023	[illegible]	8.0
10	214	195	176	156	133	108	80	52	26	6				1146	1138	8.9
11	214	196	180	161	143	122	98	73	47	24	[illegible]			1264	1258	9.8
12	214	198	182	167	150	132	112	89	65	43	22	6		1380	1372	10.7
13	214	200	186	170	156	140	121	[illegible]	81	61	39	20	6	1496	1487	11.6

Table 25--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 7	229	198	163	125	82	39	6							842	849	6.2
8	229	202	174	143	109	70	33	6						966	970	7.1
9	229	205	182	156	128	95	61	29	6					1091	1085	8.0
10	229	208	188	166	142	115	85	55	27	6				1221	1213	8.9
11	229	210	192	173	153	130	105	77	49	24	6			1348	1340	9.8
12	229	212	195	178	160	140	119	95	69	45	23	6		1471	1464	10.7
13	229	213	198	182	167	149	129	108	86	64	41	21	6	1593	1585	11.6
64 - 7	245	212	174	133	87	40	6							897	905	6.2
8	245	216	186	153	116	74	34	6						1030	1035	7.1
9	245	219	194	166	136	100	64	30	6					1160	1154	8.0
10	245	222	200	176	151	122	90	58	28	6				1298	1290	8.9
11	245	224	205	184	162	138	112	82	52	26	6			1436	1426	9.8
12	245	226	208	190	170	150	126	100	73	47	23	6		1564	1558	10.7
13	245	228	212	194	178	159	137	115	92	67	43	22	6	1698	1689	11.6
66 - 7	260	224	184	141	92	42	6							949	958	6.2
8	260	229	197	162	122	78	36	6						1090	1096	7.1
9	260	233	206	176	144	106	67	32	6					1230	1224	8.0
10	260	236	213	187	160	129	95	61	29	6				1376	1368	8.9
11	260	239	218	195	172	146	117	86	54	27	6			1520	1511	9.8
12	260	240	221	201	181	158	133	106	77	49	24	6		1656	1647	10.7
13	260	242	224	206	189	168	145	122	96	71	45	22	6	1796	1789	11.6
68 - 7	277	239	196	149	97	44	6							1008	1018	6.2
8	277	244	209	171	130	82	38	6						1157	1162	7.1
9	277	248	218	187	153	112	71	33	6					1305	1299	9.0
10	277	251	226	199	170	136	101	64	30	6				1460	1453	8.9
11	277	254	231	207	182	156	124	90	57	28	6			1612	1604	9.8
12	277	256	235	214	192	168	141	112	81	52	25	6		1759	1749	10.7
13	277	257	239	219	200	179	154	120	102	75	47	23	6	1907	1896	11.6
70 - 7	294	253	208	158	103	46	6							1068	1079	6.2
8	294	258	222	182	137	87	39	6						1225	1232	7.1
9	294	263	232	198	162	119	75	35	6					1384	1378	8.0
10	294	266	240	211	180	144	106	67	32	6				1546	1538	8.9
11	294	269	245	219	193	164	131	95	60	29	6			1705	1696	9.8
12	294	272	249	227	204	178	149	119	86	54	26	6		1864	1854	10.7
13	294	273	253	233	212	189	162	136	107	79	49	24	6	2017	2006	11.6
72 - 7	311	268	219	167	108	48	6							1127	1139	6.2
8	311	274	235	192	144	91	41	6						1294	1301	7.1
9	311	278	246	209	170	125	78	36	6					1459	1453	8.0
10	311	282	254	223	190	153	112	71	33	6				1635	1628	8.9
11	311	285	259	233	204	174	138	100	62	30	6			1802	1795	9.8
12	311	287	264	240	216	188	158	125	90	57	27	6		1969	1959	10.7
13	311	289	268	246	224	200	172	144	113	82	51	25	6	2131	2120	11.5
74 - 7	330	283	232	176	113	51	6							1191	1203	6.2
8	330	290	248	203	153	96	43	6						1369	1377	7.1
9	330	294	259	222	180	131	82	38	6					1542	1536	8.0
10	330	299	268	235	201	160	118	74	34	6				1725	1718	8.9
11	330	302	275	246	216	183	146	106	66	31	6			1907	1899	9.8
12	330	304	280	254	228	199	166	131	94	59	28	6		2079	2070	10.6
13	330	306	283	260	237	212	181	151	119	87	53	26	6	2251	2241	11.5
76 - 7	347	299	244	185	119	53	6							1253	1266	6.2
8	347	305	261	213	160	100	44	6						1436	1446	7.1
9	347	309	273	233	189	138	86	39	6					1620	1614	8.0
10	347	314	282	248	211	169	124	78	35	6				1814	1808	8.9
11	347	317	289	258	227	192	153	110	68	32	6			1999	1992	9.8
12	347	320	294	267	240	208	174	138	99	62	29	6		2184	2174	10.6
13	347	322	299	274	249	222	190	159	125	91	56	27	6	2367	2356	11.5
78 - 7	366	314	257	194	125	55	6							1317	1331	6.2
8	366	321	276	224	168	105	46	6						1512	1522	7.1
9	366	326	288	245	199	145	90	41	6					1706	1700	8.0
10	366	332	298	261	222	177	129	81	37	6				1909	1902	8.9
11	366	335	304	272	239	202	161	116	71	33	6			2105	2098	9.8
12	366	338	309	281	252	220	183	145	104	65	30	6		2299	2289	10.6
13	366	340	314	288	263	234	200	167	131	95	58	28	6	2490	2479	11.5

FORM CLASS
89

Table 25--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
7	386	332	270	204	131	57	6							1386	1402	6.2
8	386	339	290	236	176	110	48	6						1591	1606	7.1
9	386	344	302	258	209	152	94	42	6					1793	1787	8.0
10	386	349	313	275	234	186	136	85	38	6				2008	2002	8.9
11	386	352	320	286	251	213	169	121	75	35	6			2214	2206	9.8
12	386	356	326	297	266	231	192	152	106	67	31	6		2416	2404	10.6
13	386	358	332	304	277	247	211	175	137	100	61	29	6	2623	2611	11.5

Table 26--Gross volume of logs and trees

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
12 - 1	7													7	12	2.
2	7	6												13	18	3.2
14 - 1	10													10	11	1.
2	10	6												16	17	2.2
3	10	8	6											24	26	3.5
16 - 1	13													13	14	1.
2	13	6												19	19	2.
3	13	10	6											29	30	3.
4	13	11	9	6										39	40	4.2
5	13	12	10	8	6									49	50	5.2
18 - 1	17													17	17	1.
2	17	6												23	23	2.
3	17	12	6											35	35	3.
4	17	14	10	6										47	47	3.9
5	17	15	13	9	6									60	59	4.9
6	17	16	14	12	9	6								74	73	5.
20 - 2	22	6												28	28	1.9
3	22	14	6											42	42	2.9
4	22	18	12	6										58	57	3.8
5	22	19	15	11	6									73	72	4.8
6	22	19	17	14	10	6								88	87	5.
7	22	20	18	16	13	9	6							104	103	6.
8	22	20	18	17	14	12	9	6						118	116	[illegible]
22 - 2	27	6												33	34	1.
3	27	17	6											50	50	2.8
4	27	21	14	6										68	68	3.7
5	27	23	18	12	6									86	85	4.7
6	27	24	20	16	11	6								104	103	5.6
7	27	24	22	18	15	10	6							122	120	6.5
8	27	24	22	20	17	14	10	6						140	138	7.5
9	27	25	23	21	19	16	13	9	6					159	157	8.4
24 - 2	32	6												38	39	1.8
3	32	19	6											57	58	2.8
4	32	25	16	6										79	78	3.7
5	32	27	21	14	6									100	99	4.6
6	32	28	24	18	12	6								120	118	5.
7	32	29	25	22	17	11	6							142	141	6.5
8	32	30	27	23	20	15	10	6						163	161	7.4
9	32	30	28	25	22	18	14	10	6					185	182	8.3
10	32	30	28	26	23	20	17	14	10	6				206	202	9.3
26 - 3	38	23	6											67	68	2.8
4	38	29	18	6										91	91	3.7
5	38	32	24	15	6									115	115	4.
6	38	33	28	21	13	6								139	139	5.
7	38	34	30	25	19	12	6							164	162	6.
8	38	35	31	28	23	17	11	6						189	188	[illegible]
9	38	35	32	29	25	21	16	11	6					213	210	8.
10	38	35	33	30	27	23	19	15	10	6				236	233	9.2
28 - 3	45	26	6											77	79	2.7
4	45	34	20	6										105	106	3.
5	45	37	28	17	6									133	133	4.
6	45	39	32	24	15	6								161	161	5.
7	45	40	35	29	21	13	6							189	188	6.
8	45	41	36	31	26	19	12	6						216	213	7.
9	45	41	38	33	29	23	18	12	6					245	242	8.2
10	45	41	39	35	31	27	22	17	11	6				274	270	9.
30 - 3	52	29	6											87	90	2.7
4	52	39	22	6										119	120	3.6
5	52	43	32	18	6									151	151	4.
6	52	45	37	27	16	6								183	183	5.5
7	52	46	40	32	24	15	6							215	214	6.
8	52	47	42	36	29	22	13	6						247	245	[illegible]
9	52	48	43	39	33	27	19	12	6					279	277	8.2
10	52	49	44	40	36	30	24	18	12	6				310	307	9.
11	52	49	45	41	38	33	28	23	17	11	6			343	337	10.

Table 26--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
32 - 3	59	32	6											97	101	2.7
4	59	44	24	6										133	135	3.6
5	59	49	36	20	6									170	171	4.5
6	59	51	42	30	18	6								206	205	5.4
7	59	53	45	37	27	16	6							243	242	6.3
8	59	53	48	41	33	24	14	6						278	276	7.2
9	59	54	49	44	37	30	22	13	6					314	311	8.2
10	59	55	51	46	40	34	28	20	12	6				351	344	9.1
11	59	55	51	47	43	38	32	25	18	12	6			386	380	10.0
34 - 3	67	36	6											109	114	2.7
4	67	50	27	6										150	153	3.6
5	67	55	40	22	6									190	190	4.5
6	67	58	47	34	19	6								231	231	5.4
7	67	60	51	41	30	17	6							272	272	6.3
8	67	61	54	46	37	26	15	6						312	311	7.2
9	67	62	55	49	42	33	23	14	6					351	348	8.2
10	67	62	57	51	46	38	30	22	13	6				392	389	9.1
11	67	63	58	53	48	42	35	28	20	13	6			433	427	10.0
36 - 4	76	55	30	6										167	170	3.6
5	76	62	44	24	6									212	214	4.5
6	76	65	52	38	20	6								257	258	5.4
7	76	67	57	46	32	18	6							302	302	6.3
8	76	68	60	51	41	29	16	6						347	347	7.2
9	76	69	62	55	47	36	26	15	6					392	390	8.1
10	76	70	64	58	51	43	33	24	14	6				439	432	9.0
11	76	71	65	60	54	47	40	31	22	13	6			485	479	9.9
12	76	71	66	61	56	50	44	36	28	20	12	6		526	520	10.8
38 - 4	85	62	32	6										185	190	3.6
5	85	69	49	26	6									235	238	4.5
6	85	73	58	41	22	6								285	286	5.4
7	85	75	63	51	36	19	6							335	335	6.3
8	85	77	67	57	45	31	17	6						385	385	7.2
9	85	78	70	61	51	40	28	16	6					425	424	8.1
10	85	78	72	65	56	47	37	26	15	6				487	481	9.0
11	85	79	73	66	60	52	44	34	23	14	6			536	524	9.9
12	85	80	74	68	62	56	48	40	31	22	14	6		586	579	10.8
40 - 4	95	68	35	6										204	209	3.6
5	95	76	54	28	6									259	263	4.5
6	95	80	64	45	24	6								314	316	5.4
7	95	83	70	55	39	21	6							369	369	6.3
8	95	85	74	62	49	34	18	6						423	424	7.2
9	95	86	77	67	57	44	30	17	6					479	478	8.1
10	95	87	80	71	62	52	40	28	16	6				537	531	9.0
11	95	88	81	74	66	58	48	37	25	15	6			593	586	9.9
12	95	88	82	76	69	62	53	44	34	23	14	6		646	640	10.8
42 - 4	105	75	38	6										224	230	3.6
5	105	84	59	30	6									284	286	4.5
6	105	89	70	49	25	6								344	346	5.4
7	105	92	77	61	42	22	6							405	405	6.3
8	105	94	82	69	54	37	20	6						467	467	7.2
9	105	95	85	74	62	48	33	18	6					526	524	8.1
10	105	96	88	78	68	56	44	30	17	6				588	582	9.0
11	105	97	89	81	73	63	52	40	27	16	6			649	641	9.9
12	105	98	90	84	76	67	58	48	36	25	15	6		708	699	10.8
44 - 5	116	92	65	32	6									311	316	4.5
6	116	98	77	54	27	6								378	381	5.4
7	116	101	85	66	46	24	6							444	445	6.3
8	116	103	90	75	59	40	21	6						510	511	7.2
9	116	104	94	81	68	52	35	19	6					575	575	8.1
10	116	106	96	86	75	62	48	32	18	6				645	639	9.0
11	116	107	98	89	80	69	57	43	29	17	6			711	703	9.9
12	116	107	100	92	83	74	63	52	39	27	16	6		775	766	10.8
13	116	108	101	94	86	78	68	58	48	37	25	15	6	840	832	11.7

Table 26--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilize length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
46 - 5	127	101	70	35	6									339	335	4.5
6	127	107	84	58	29	6								411	415	5.4
7	127	111	93	72	49	25	6							483	485	6.3
8	127	113	98	82	64	43	22	6						555	557	7.2
9	127	114	102	89	74	56	38	20	6					626	626	8.1
10	127	116	106	94	82	67	51	35	19	6				703	697	9.0
11	127	117	107	97	87	75	62	47	31	17	6			773	766	9.9
12	127	118	109	100	91	80	69	56	43	29	16	6		844	835	10.8
13	127	119	111	102	94	85	74	63	52	40	27	15	6	915	906	11.7
48 - 5	138	110	76	37	6									367	374	4.5
6	138	117	92	63	31	6								447	451	5.4
7	138	120	100	78	53	27	6							522	524	6.3
8	138	123	107	89	69	46	23	6						601	602	7.2
9	138	125	112	96	80	61	41	21	6					680	681	8.1
10	138	126	114	102	88	72	55	37	20	6				758	752	9.0
11	138	127	117	106	94	81	66	50	33	18	6			836	829	9.9
12	138	129	119	109	99	87	75	61	46	31	17	6		917	908	10.8
13	138	129	120	112	103	93	80	68	55	43	28	16	6	991	982	11.7
50 - 5	151	119	82	40	6									398	406	4.5
6	151	127	99	67	33	6								483	488	5.4
7	151	131	109	85	57	28	6							567	570	6.3
8	151	134	116	96	75	49	24	6						651	652	7.2
9	151	136	120	104	87	65	43	22	6					734	735	8.1
10	151	137	124	111	95	78	59	40	21	6				822	816	9.0
11	151	138	127	115	102	88	72	54	35	19	6			907	900	9.9
12	151	140	129	119	107	95	80	65	49	33	18	6		992	983	10.8
13	151	140	131	121	112	100	87	74	60	46	30	17	6	1075	1066	11.6
52 - 6	163	137	107	73	35	6								521	527	5.4
7	163	142	118	92	61	30	6							612	616	6.3
8	163	145	126	104	80	53	26	6						703	704	7.2
9	163	146	131	113	93	70	46	23	6					791	793	8.1
10	163	148	134	119	103	84	63	42	22	6				884	878	9.0
11	163	151	138	124	110	95	77	58	38	20	6			980	973	9.9
12	163	151	140	128	116	102	87	70	52	35	18	6		1068	1060	10.8
13	163	153	142	131	120	108	94	80	64	49	32	17	6	1159	1151	11.6
54 - 6	176	148	115	78	37	6								560	566	5.4
7	176	153	127	98	66	32	6							658	662	6.3
8	176	156	135	112	86	56	28	6						755	756	7.2
9	176	158	141	122	100	75	49	24	6					851	854	8.1
10	176	160	145	129	111	90	68	45	23	6				953	947	9.0
11	176	162	148	134	119	102	82	62	40	21	6			1052	1045	9.9
12	176	163	151	138	125	110	93	75	55	37	19	6		1148	1140	10.8
13	176	165	153	141	129	117	101	85	68	51	33	18	6	1243	1234	11.6
56 - 6	190	159	124	83	39	6								601	608	5.4
7	190	165	136	105	70	33	6							705	710	6.3
8	190	168	146	120	92	60	29	6						811	813	7.2
9	190	170	151	131	107	80	52	26	6					913	915	8.1
10	190	173	156	138	119	96	73	48	24	6				1023	1017	9.0
11	190	175	160	144	127	109	88	66	43	22	6			1130	1123	9.9
12	190	176	162	148	134	118	100	80	59	39	20	6		1232	1224	10.8
13	190	177	165	152	139	125	108	92	73	55	35	19	6	1336	1327	11.6
58 - 6	204	171	132	89	41	6								643	651	5.4
7	204	177	146	113	75	35	6							756	762	6.3
8	204	181	156	129	98	63	30	6						867	870	7.2
9	204	183	162	140	115	86	55	27	6					978	972	8.1
10	204	186	168	148	127	103	77	50	25	6				1094	1088	9.0
11	204	188	171	154	136	117	94	70	45	23	6			1208	1201	9.8
12	204	189	174	159	144	126	107	86	63	41	21	6		1320	1312	10.7
13	204	190	177	163	149	134	116	98	78	58	38	19	6	1430	1421	11.6
60 - 6	219	183	141	95	44	6								688	697	5.4
7	219	189	156	120	79	37	6							806	813	6.2
8	219	193	167	137	105	67	32	6						926	930	7.2
9	219	196	174	149	123	91	59	28	6					1045	1039	8.0
10	219	199	180	159	136	110	82	53	26	6				1170	1164	8.9
11	219	201	184	165	146	125	100	74	48	24	6			1292	1286	9.8
12	219	203	187	170	153	134	114	91	66	43	22	6		1408	1401	10.7
13	219	204	189	174	160	143	124	104	83	62	39	20	6	1527	1519	11.6

Table 26--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
62 - 7	234	203	167	128	84	39	6							861	868	6.2
8	234	207	178	146	112	71	35	6						987	991	7.1
9	234	210	186	160	131	96	64	30	6					1117	1109	8.0
10	234	213	192	169	145	117	87	56	25	6				1246	[illegible]	8.9
11	234	215	196	176	156	132	107	78	50	25	6			1375	1360	9.8
12	234	217	200	182	164	144	121	96	71	45	[illegible]	6		[illegible]	[illegible]	10.7
13	234	218	203	186	170	152	132	111	88	65	...	21	6	1628	1621	11.6
64 - 7	250	216	177	[illegible]	89	41	6							915	922	6.2
8	250	221	190	156	118	76	35	6						[illegible]	[illegible]	7.1
9	250	224	198	170	139	103	66	31	6					1187	1181	8.0
10	250	227	204	180	155	124	92	56	27	6				[illegible]	1417	8.9
11	250	229	209	188	165	141	113	83	50	24	6			[illegible]	[illegible]	9.8
12	250	231	213	194	174	153	129	103	75	48	21	6		[illegible]	1542	10.7
13	250	233	216	199	182	162	140	117	93	69	44	22	6	1733	1724	11.6
66 - 7	266	230	189	144	94	43	6							[illegible]	981	6.2
8	266	234	202	165	128	80	36	6						1115	1121	7.1
9	266	238	211	180	147	108	69	32	6					[illegible]	1271	8.0
10	266	241	218	192	[illegible]	132	98	62	33	6				[illegible]	[illegible]	8.9
11	266	244	226	200	176	150	120	88	55	27	6			[illegible]	[illegible]	9.8
12	266	246	229	206	186	162	136	109	78	51	24	6		[illegible]	[illegible]	10.7
13	266	248	230	211	[illegible]	173	148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.6
68 - 7	283	244	200	[illegible]	99	45	6							[illegible]	[illegible]	6.2
8	283	249	211	[illegible]	132	84	38	6						[illegible]	[illegible]	7.1
9	283	253	223	192	[illegible]	[illegible]	73	34	6					[illegible]	[illegible]	8.0
10	283	256	231	204	174	140	103	66	31	6				[illegible]	[illegible]	8.9
11	283	259	[illegible]	[illegible]	186	158	127	[illegible]	[illegible]	[illegible]	6			[illegible]	[illegible]	9.8
12	283	261	[illegible]	[illegible]	196	172	144	114	[illegible]	[illegible]	[illegible]	6		[illegible]	[illegible]	10.7
13	283	[illegible]	[illegible]	[illegible]	201	183	157	132	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.6
70 - 7	301	258	212	161	104	47	6							[illegible]	[illegible]	6.2
8	301	265	227	186	140	88	40	6						[illegible]	[illegible]	7.1
9	301	268	237	203	165	121	77	35	6					[illegible]	1407	8.0
10	301	272	245	216	184	148	108	69	[illegible]	6				[illegible]	[illegible]	8.9
11	301	276	250	224	[illegible]	168	134	[illegible]	61	[illegible]	6			[illegible]	[illegible]	9.8
12	301	278	255	232	[illegible]	182	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	10.7
13	301	280	258	238	217	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	[illegible]	11.6
72 - 7	318	274	224	170	110	49	6							1151	[illegible]	6.2
8	318	280	240	196	148	93	41	6						[illegible]	1330	7.1
9	318	284	251	214	174	127	80	37	6					[illegible]	1485	8.0
10	318	288	259	228	194	156	114	72	33	6				[illegible]	[illegible]	8.9
11	318	292	266	237	208	177	141	[illegible]	64	[illegible]	6			1841	[illegible]	9.8
12	318	294	270	246	220	192	160	127	92	[illegible]	[illegible]	6		[illegible]	2000	10.7
13	318	296	274	251	226	[illegible]	[illegible]	146	116	[illegible]	[illegible]	[illegible]	6	[illegible]	2168	11.6
74 - 7	337	289	237	180	116	51	6							[illegible]	[illegible]	6.2
8	337	296	254	207	155	98	43	6						[illegible]	[illegible]	7.1
9	337	301	265	226	184	[illegible]	84	38	6					[illegible]	[illegible]	8.0
10	337	304	274	240	205	164	120	76	35	6				[illegible]	[illegible]	8.9
11	337	308	280	251	220	187	149	107	66	31	6			[illegible]	[illegible]	9.8
12	337	310	285	259	[illegible]	203	[illegible]	134	96	60	[illegible]	6		[illegible]	2111	10.7
13	337	312	289	266	242	216	185	154	122	[illegible]	[illegible]	[illegible]	6	2248	[illegible]	11.6
76 - 7	356	305	249	189	121	53	6							[illegible]	1293	6.2
8	356	312	267	218	164	102	45	6						[illegible]	1479	7.1
9	356	317	280	239	193	141	88	40	6					[illegible]	[illegible]	8.0
10	356	321	289	254	216	173	126	79	36	6				1855	1849	8.9
11	356	325	296	265	233	196	157	113	70	35	6			2050	2042	9.8
12	356	328	301	274	245	213	178	141	101	[illegible]	[illegible]	6		[illegible]	2225	10.7
13	356	330	305	280	256	228	195	162	127	[illegible]	[illegible]	27	6	2422	2411	11.6
78 - 7	375	321	263	199	127	55	6							1346	1362	6.2
8	375	330	281	229	172	107	47	6						1547	1557	7.1
9	375	334	295	251	204	148	92	41	6					1746	1740	8.0
10	375	339	304	267	228	182	132	82	38	6				1953	1945	8.9
11	375	343	311	278	245	207	165	118	73	34	6			2155	2147	9.8
12	375	345	317	288	258	225	187	148	106	66	30	6		2351	2341	10.7
13	375	348	321	295	269	240	205	170	134	97	59	28	6	2547	2536	11.6

Table 26--Continued

D.b.h. and number of logs to 10-inch d.i.b.	Log number and volume (board feet in tens)													Tree volume		Utilized length 16 ft. logs
	1	2	3	4	5	6	7	8	9	10	11	12	13	10-inch top	Utilized top	
80 - 7	395	339	277	208	133	58	6							1416	1432	6.2
8	395	346	297	241	180	112	49	6						1626	1637	7.1
9	395	351	309	264	213	155	96	43	6					1832	1826	8.0
10	395	357	320	281	239	190	138	86	39	6				2051	2044	8.9
11	395	361	328	293	257	218	173	124	76	35	6			2266	2259	9.8
12	395	363	334	304	271	236	196	155	111	68	32	6		2471	2461	10.6
13	395	366	339	310	283	252	215	179	140	102	62	29	6	2678	2666	11.5

Table 27.- Scale of 16-foot logs by Scribner rule to nearest ten board feet.[1] (Diameter inside bark to tenth of an inch).

D.i.b. (inches)	(Tenths of inches) .0	.1	.2	.3	.4	.5	.6	.7	.8	.9
8	3	3	3	3	3	4	4	4	4	4
9	4	4	4	5	5	5	5	5	5	5
10	6	6	6	6	6	6	6	7	7	7
11	7	7	7	8	8	8	8	8	8	8
12	9	9	9	9	9	10	10	10	10	10
13	10	11	11	11	11	11	12	12	12	12
14	12	12	13	13	13	13	14	14	14	14
15	14	15	15	15	15	16	16	16	16	16
16	17	17	17	17	18	18	18	18	18	19
17	19	19	19	20	20	20	20	21	21	21
18	22	22	22	22	23	23	23	23	24	24
19	24	24	25	25	25	26	26	26	27	27
20	27	28	28	28	28	29	29	29	30	30
21	30	30	31	31	31	32	32	32	33	33
22	33	34	34	34	35	35	35	36	36	36
23	37	37	38	38	38	39	39	39	40	40
24	40	41	41	41	42	42	43	43	43	44
25	44	44	45	45	46	46	46	47	47	48
26	48	48	49	49	49	50	50	51	51	51
27	52	52	53	53	53	54	54	55	55	55
28	56	56	57	57	58	58	58	59	59	60
29	60	61	61	62	62	62	63	63	64	64
30	65	65	66	66	66	67	67	68	68	69
31	69	70	70	71	71	72	72	73	73	74
32	74	75	75	76	76	77	77	78	78	78
33	79	80	80	80	81	82	82	82	83	84
34	84	85	85	86	86	87	87	88	88	89
35	89	90	90	91	92	92	93	93	94	94
36	95	95	96	96	97	98	98	99	99	100
37	100	101	102	102	103	103	104	104	105	106
38	106	107	107	108	108	109	110	110	111	112
39	112	113	113	114	114	115	116	116	117	117
40	118	119	119	120	120	121	122	122	123	124
41	124	125	126	126	127	127	128	129	129	130
42	131	131	132	132	133	134	134	135	136	136
43	137	138	138	139	140	140	141	142	142	143
44	144	144	145	146	146	147	148	148	149	150
45	151	151	152	153	153	154	155	156	156	157
46	158	158	159	160	160	161	162	162	163	164
47	165	165	166	167	168	168	169	170	171	171
48	172	173	174	174	175	176	176	177	178	179
49	180	180	181	182	182	183	184	185	186	186
50	187	188	189	189	190	191	192	192	193	194
51	195	196	196	197	198	199	200	200	201	202
52	203	204	204	205	206	207	208	208	209	210
53	211	212	213	213	214	215	216	217	218	218
54	219	220	221	222	222	223	224	225	226	227
55	228	228	229	230	231	232	233	234	234	235
56	236	237	238	239	240	240	241	242	243	244
57	245	246	247	248	248	249	250	251	252	253
58	254	255	256	256	257	258	259	260	261	262
59	263	264	265	266	266	267	268	269	270	271
60	272	273	274	275	276	277	278	279	280	280
61	281	282	283	284	285	286	287	288	289	290
62	291	292	293	294	295	296	297	298	299	300
63	301	302	302	304	304	305	306	307	308	309
64	310	311	312	313	314	315	316	317	318	319
65	320	321	322	323	324	325	326	328	328	330
66	330	332	333	334	335	336	337	338	339	340
67	341	342	343	344	345	346	347	348	349	350
68	351	352	353	354	356	357	358	359	360	361
69	362	363	364	365	366	367	368	369	370	372
70	373	374	375	376	377	378	379	380	381	382
71	384	385	386	387	388	389	390	391	392	394
72	395	396	397	398	399	400	402	403	404	405

[1] Computed from formula $V = (.79D^2 - 2D - 4) \div 10$

Table 28.-Double bark thickness at top of first log, by dbh classes. Bark thickness expressed in inches and as percent of dbh o.b.(form class units).

Dbh class	Ponderosa pine		Douglas fir		White fir	
	In.	Pct.	In.	Pct.	In.	Pct.
12	1.6	13	1.3	11	1.2	10
14	1.8	13	1.5	11	1.5	11
16	1.9	12	1.8	11	1.8	11
18	2.0	11	2.0	11	2.0	11
20	2.1	10	2.3	11	2.3	12
22	2.2	10	2.5	11	2.5	11
24	2.4	10	2.8	12	2.7	11
26	2.5	10	3.0	12	2.9	11
28	2.6	9	3.3	12	3.1	11
30	2.7	9	3.5	12	3.3	11
32	2.8	9	3.8	12	3.5	11
34	2.9	9	4.0	12	3.6	11
36	3.0	8	4.3	12	3.8	11
38	3.1	8	4.5	12	4.0	11
40	3.2	8	4.7	12	4.1	10
42	3.3	8	5.0	12	4.2	10
44	3.4	8	5.2	12	4.4	10
46	3.4	7	5.5	12	4.5	10
48	3.5	7	5.7	12	4.6	10
50	3.6	7	6.0	12	4.8	10
52	3.6	7	6.2	12	4.9	9
54	3.7	7	6.5	12	5.0	9
56	3.8	7	6.7	12	5.1	9
58	3.8	7	7.0	12	5.2	9
60	3.9	6	7.2	12	5.3	9
62	3.9	6	7.4	12	5.4	9
64	3.9	6	7.7	12	5.5	9
66	4.0	6	7.9	12	5.6	8
68	4.0	6	8.2	12	5.7	8
70	4.1	6	8.4	12	5.8	8
72	4.1	6	8.7	12	5.9	8
74	4.1	6	9.0	12	6.0	8
76	4.2	6	9.2	12	6.1	8
78	4.2	5	9.5	12	6.2	8
80	4.2	5	9.7	12	6.3	8

Table 29. - Aggregate errors, average d.b.h., and form class - by localities - for ponderosa pine and for Douglas-fir and white fir applied to ponderosa pine tables

PONDEROSA PINE

Locality and year collected	No. of trees	Ave. d.b.h.	Ave. form class	Total volume to 10-inch top: Trees	Total volume to 10-inch top: Table	Aggregate difference: board feet	Aggregate difference: Percent
				(bd.ft. - tens)		(tens)	
Modoc N.F.-1930	75	28.5	79	9,813	9,555	258	2.70
Shasta N.F.-1911	28	25.1	78	2,168	2,128	40	1.88
Plumas N.F.-1911	183	28.6	79	29,296	28,623	673	2.35
Quincy-1922[1]	5	21.4	74	217	220	-3	-1.36
Tahoe-1911[1]	12	20.9	77	575	599	-24	-4.00
Stanislaus N.F.-1909	151	41.1	83	69,336	70,980	-1644	-2.32
Stanislaus N.F.-1910	8	47.8	87	5,607	5,499	108	1.96
Stanislaus N.F.-1911	38	51.9	84	31,325	31,417	-92	-0.29
Total	500	34.0	81	148,337	149,021	- 684	-0.46
DOUGLAS - FIR							
Tahoe N.F., unknown	152	33.1	74	30,267	30,602	-335	-1.09
Plumas N.F.-1911	73	29.7	74	9,714	9,771	-57	-0.58
Plumas N.F.-1924	33	34.8	74	5,963	5,941	22	0.37
Shasta N.F.-1913	126	31.8	73	19,637	20,109	-472	-2.35
Total	384	32.2	74	65,581	66,423	-842	-1.27
WHITE FIR							
Stanislaus N.F.-1924	83	36.0	76	21,286	21,009	277	1.32
Plumas N.F.-1924	73	41.1	74	21,708	21,763	-55	-0.25
Tahoe N.F.-1924	114	30.5	72	12,884	12,805	79	0.62
McCloud-1905[1]	61	22.9	78	5,142	5,123	19	0.37
Total	331	32.8	75	61,020	60,700	320	0.53

[1] Second-growth trees.

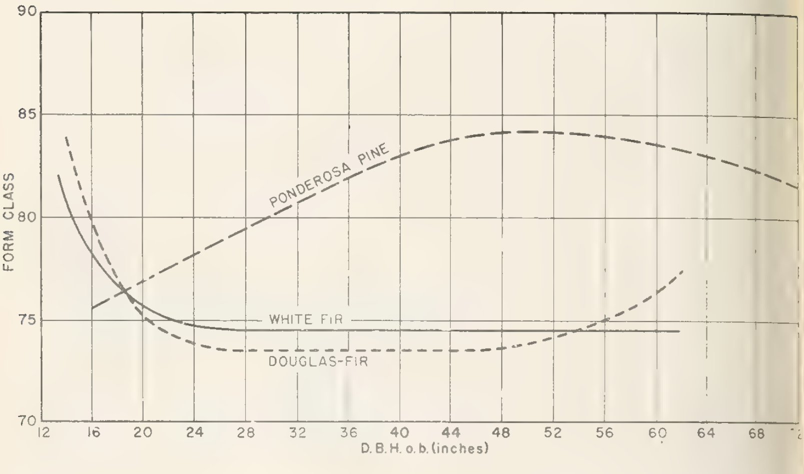

Fig. 1 – Average form class by d. b. h. of the sample trees used in preparing the volume tables.

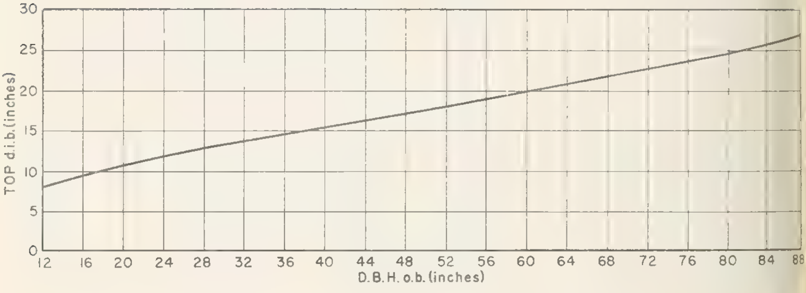

Fig. 2 – Average top utilization by d. b. h. classes on Forest Service timber sales in California in 1945.

PONDEROSA PINE VOLUME DEVIATIONS

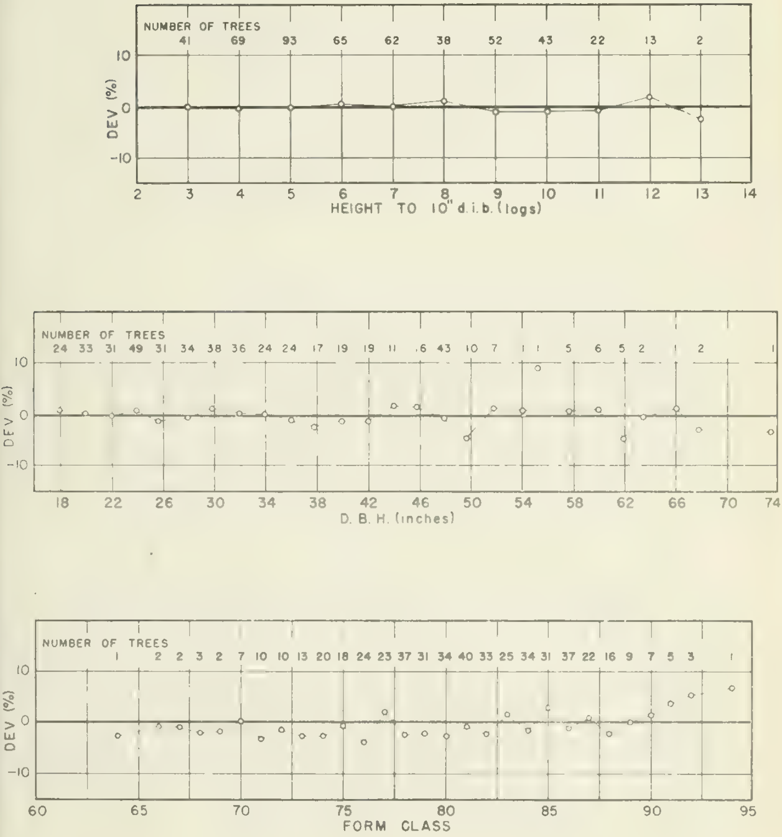

Fig. 3 – Difference between tabular and scaled volumes to 10 inch top, of individual ponderosa pine trees, grouped by log height, d.b.h., and form class.

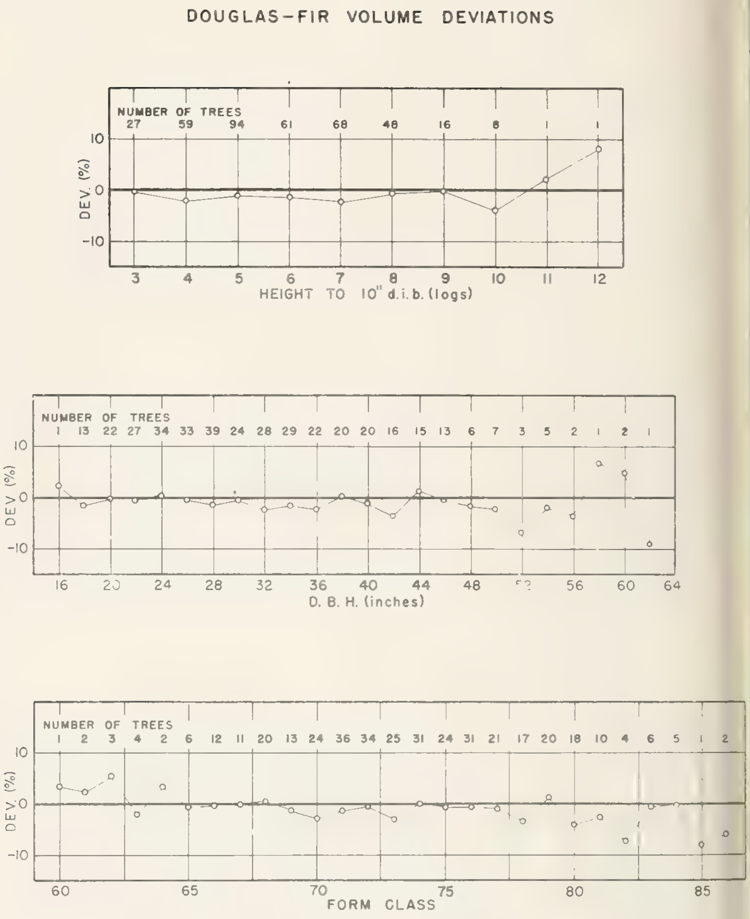

Fig. 4 – Difference between tabular and scaled volumes to 10 inch top, of individual Douglas-fir trees, grouped by log height, d.b.h., and form class.

WHITE FIR VOLUME DEVIATIONS

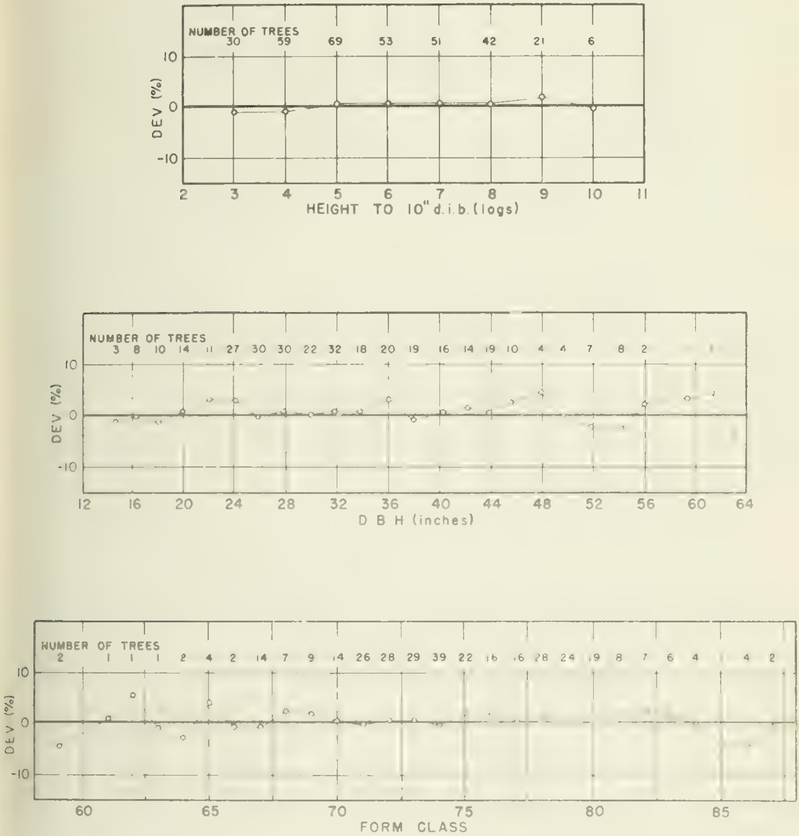

Fig. 5 – Difference between tabular and scaled volumes to 10 inch top, of individual white fir trees, grouped by log height, d. b. h., and form class.